LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018391.D
Acq On : 11 Aug 2015 21:14
Operator : UM/MA
Sample : G3154-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.680	478	484	494	rVB2	90767	207065	0.37%	0.098%
2	6.056	541	548	555	rVB	103746	174288	0.31%	0.083%
3	7.032	704	714	719	rBV5	54787	119080	0.21%	0.057%
4	7.131	727	731	735	rVV	45298	66388	0.12%	0.032%
5	7.202	735	743	749	rVV	424280	803284	1.42%	0.382%
6	7.261	750	753	761	rVB	97394	171087	0.30%	0.081%
7	7.361	765	770	777	rVB	312424	515724	0.91%	0.245%
8	7.572	801	806	815	rVV	381365	685227	1.21%	0.325%
9	7.690	817	826	836	rVV2	88909	186215	0.33%	0.088%
10	8.042	877	886	892	rBV2	465049	875980	1.55%	0.416%
11	8.160	902	906	915	rBV4	45971	98751	0.17%	0.047%
12	8.336	931	936	942	rVV3	41884	75257	0.13%	0.036%
13	8.683	990	995	997	rBV4	49691	75733	0.13%	0.036%
14	8.747	1000	1006	1012	rVB	476604	808569	1.43%	0.384%
15	8.806	1012	1016	1020	rBV3	41563	62557	0.11%	0.030%
16	9.153	1064	1075	1078	rBV5	71531	182970	0.32%	0.087%
17	9.200	1078	1083	1088	rVB	339362	558952	0.99%	0.265%
18	9.399	1113	1117	1123	rVV8	44739	97138	0.17%	0.046%
19	9.505	1126	1135	1137	rVV7	26457	66885	0.12%	0.032%
20	9.681	1160	1165	1169	rBV6	38955	67330	0.12%	0.032%
21	9.922	1198	1206	1212	rBV	317535	617183	1.09%	0.293%
22	10.034	1220	1225	1232	rBV7	52585	105608	0.19%	0.050%
23	10.257	1257	1263	1267	rBV5	37006	76044	0.13%	0.036%
24	10.469	1288	1299	1306	rVB	505136	925594	1.64%	0.440%
25	10.851	1354	1364	1369	rBV	753001	1389378	2.46%	0.660%
26	10.898	1369	1372	1379	rVB	104615	185501	0.33%	0.088%
27	10.974	1379	1385	1389	rBV	144381	296680	0.53%	0.141%
28	11.550	1473	1483	1490	rBV9	40634	125276	0.22%	0.060%
29	11.867	1532	1537	1541	rBV	120226	182312	0.32%	0.087%
30	12.496	1636	1644	1650	rVB2	156563	333054	0.59%	0.158%
31	12.719	1676	1682	1690	rVB	135029	245234	0.43%	0.116%
32	12.948	1715	1721	1726	rVV7	32176	69257	0.12%	0.033%
33	13.207	1761	1765	1771	rVB	205364	292355	0.52%	0.139%
34	13.500	1806	1815	1816	rBV8	57678	140050	0.25%	0.067%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018391.D
Acq On : 11 Aug 2015 21:14
Operator : UM/MA
Sample : G3154-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Title : SVOA CALIBRATION

35	13.835	1866	1872	1878	rBV4	76245	176941	0.31%	0.084%
36	13.988	1893	1898	1903	rBV2	119260	208316	0.37%	0.099%
37	14.070	1904	1912	1916	rVV	762734	1268186	2.25%	0.602%
38	14.111	1916	1919	1922	rVV	218806	314370	0.56%	0.149%
39	14.153	1922	1926	1930	rVB	305860	415127	0.74%	0.197%
40	14.364	1956	1962	1972	rVB	924113	1410986	2.50%	0.670%
41	14.499	1982	1985	1991	rVB3	86820	142726	0.25%	0.068%
42	14.570	1992	1997	2004	rBV10	40309	99190	0.18%	0.047%
43	14.670	2004	2014	2020	rVV2	1145052	1999986	3.54%	0.950%
44	14.728	2020	2024	2033	rVB	175497	309457	0.55%	0.147%
45	14.858	2041	2046	2051	rBV	355784	564840	1.00%	0.268%
46	15.063	2076	2081	2087	rVB	244928	355430	0.63%	0.169%
47	15.187	2098	2102	2110	rVB7	87672	150147	0.27%	0.071%
48	15.287	2115	2119	2122	rBV5	56132	86010	0.15%	0.041%
49	15.398	2133	2138	2139	rBV4	44162	68963	0.12%	0.033%
50	15.616	2170	2175	2177	rBV4	37961	72303	0.13%	0.034%
51	15.657	2177	2182	2187	rVV	1097327	1600368	2.83%	0.760%
52	15.710	2187	2191	2196	rVV2	196632	302732	0.54%	0.144%
53	15.768	2198	2201	2206	rVB2	113003	157978	0.28%	0.075%
54	15.915	2222	2226	2231	rVB	326321	509337	0.90%	0.242%
55	16.009	2239	2242	2249	rVB6	84573	141033	0.25%	0.067%
56	16.368	2299	2303	2305	rBV	209312	319740	0.57%	0.152%
57	16.397	2305	2308	2313	rVB	640587	876875	1.55%	0.417%
58	17.167	2436	2439	2442	rBV2	62259	74825	0.13%	0.036%
59	17.220	2444	2448	2457	rVB2	422121	704293	1.25%	0.335%
60	17.413	2475	2481	2485	rBV	1278388	2025813	3.59%	0.962%
61	17.455	2485	2488	2492	rVV	663635	910996	1.61%	0.433%
62	17.507	2492	2497	2507	rVB	1021953	1677003	2.97%	0.797%
63	17.678	2522	2526	2530	rVB3	131228	185985	0.33%	0.088%
64	17.907	2562	2565	2570	rBV7	59190	96761	0.17%	0.046%
65	18.060	2588	2591	2595	rBV5	108269	171009	0.30%	0.081%
66	18.307	2630	2633	2641	rVB3	382631	540823	0.96%	0.257%
67	18.412	2648	2651	2654	rBV4	101432	123690	0.22%	0.059%
68	18.583	2676	2680	2686	rBV5	210805	439989	0.78%	0.209%
69	18.700	2694	2700	2708	rBV3	5210115	9272386	16.42%	4.404%
70	18.888	2727	2732	2740	rVB2	1319354	2051925	3.63%	0.975%
71	19.059	2751	2761	2765	rBV	25228020	56470740	100.00%	26.823%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018391.D
Acq On : 11 Aug 2015 21:14
Operator : UM/MA
Sample : G3154-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Title : SVOA CALIBRATION

72	19.164	2773	2779	2785	rBV	6066245	8224599	14.56%	3.907%
73	19.223	2785	2789	2791	rVV3	487859	685041	1.21%	0.325%
74	19.252	2791	2794	2800	rVB	639949	883166	1.56%	0.419%
75	19.464	2825	2830	2834	rBV	569517	1016824	1.80%	0.483%
76	19.535	2834	2842	2846	rVV	16703570	25629750	45.39%	12.174%
77	19.570	2846	2848	2850	rVB3	82844	83065	0.15%	0.039%
78	19.799	2882	2887	2891	rBV2	1588357	2714053	4.81%	1.289%
79	19.987	2914	2919	2923	rVB6	413648	684718	1.21%	0.325%
80	20.063	2928	2932	2938	rVV4	694920	1463095	2.59%	0.695%
81	20.140	2942	2945	2946	rVV3	317047	379923	0.67%	0.180%
82	20.175	2947	2951	2955	rVV2	2266258	3137186	5.56%	1.490%
83	20.234	2955	2961	2967	rVB2	2335127	4918655	8.71%	2.336%
84	20.310	2969	2974	2981	rVV2	1268193	2471678	4.38%	1.174%
85	20.451	2993	2998	3006	rVB	3564780	4503122	7.97%	2.139%
86	20.522	3007	3010	3014	rBV	485761	530087	0.94%	0.252%
87	20.633	3026	3029	3035	rVB	520056	689527	1.22%	0.328%
88	20.827	3057	3062	3069	rVB2	1116881	1532668	2.71%	0.728%
89	21.003	3088	3092	3103	rBV	714255	1304093	2.31%	0.619%
90	21.168	3113	3120	3130	rVB	2646290	5496805	9.73%	2.611%
91	21.321	3140	3146	3158	rVB2	2509027	6294391	11.15%	2.990%
92	21.685	3202	3208	3213	rBV	1240827	2203788	3.90%	1.047%
93	21.885	3238	3242	3254	rVB	1700740	2449847	4.34%	1.164%
94	22.502	3341	3347	3354	rVB	1992479	3138302	5.56%	1.491%
95	23.201	3460	3466	3474	rVB	2161912	4066115	7.20%	1.931%
96	24.017	3598	3605	3615	rVB	2314164	5184265	9.18%	2.462%
97	24.987	3763	3770	3778	rVB	2099177	5368429	9.51%	2.550%
98	26.133	3955	3965	3976	rVB	2305811	7108131	12.59%	3.376%
99	27.513	4191	4200	4212	rVB	1538297	5609206	9.93%	2.664%
100	29.176	4473	4483	4498	rVB3	1279932	5581924	9.88%	2.651%

Sum of corrected areas: 210531738

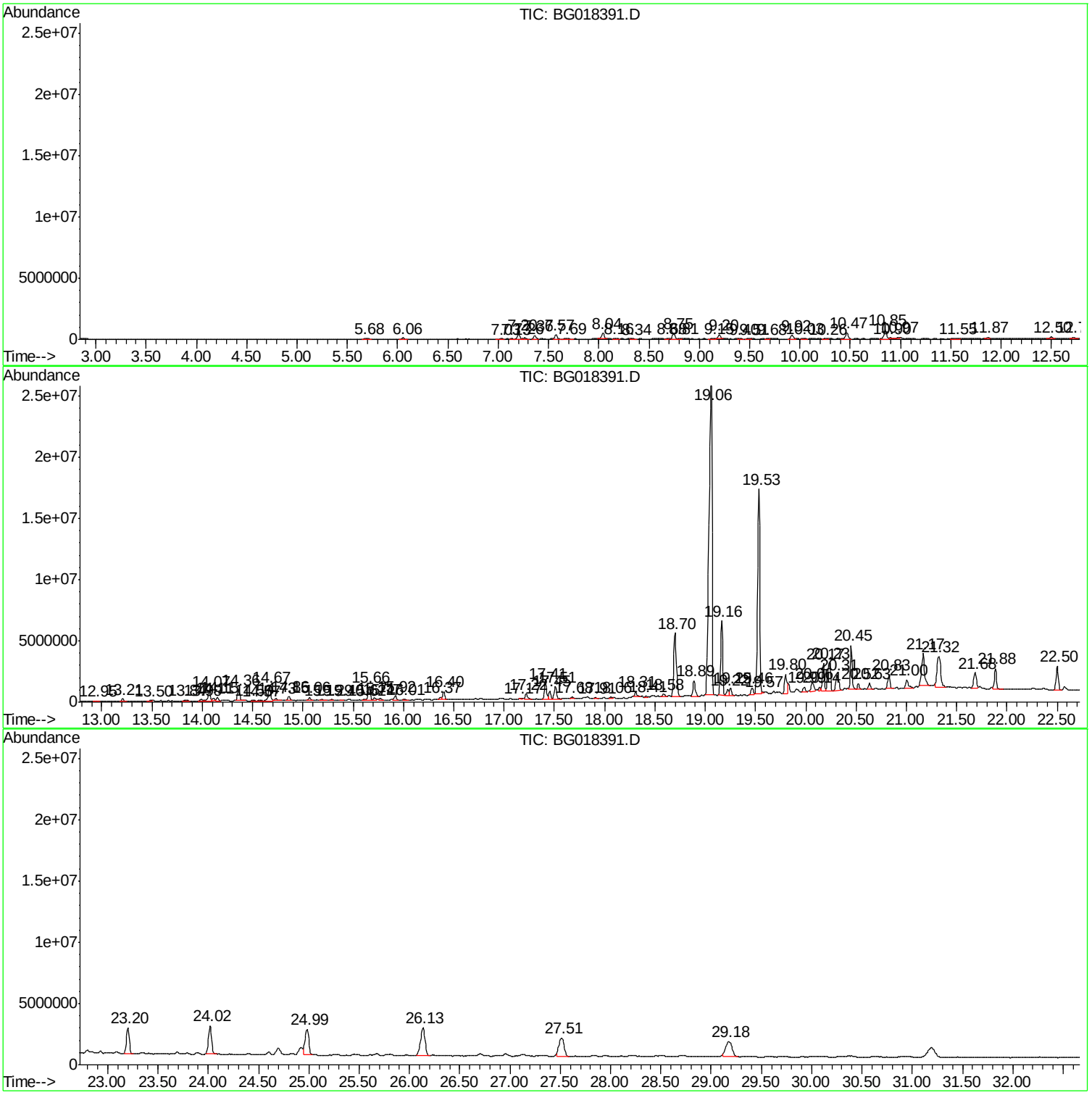
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018391.D
Acq On : 11 Aug 2015 21:14
Operator : UM/MA
Sample : G3154-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018391.D
Acq On : 11 Aug 2015 21:14
Operator : UM/MA
Sample : G3154-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

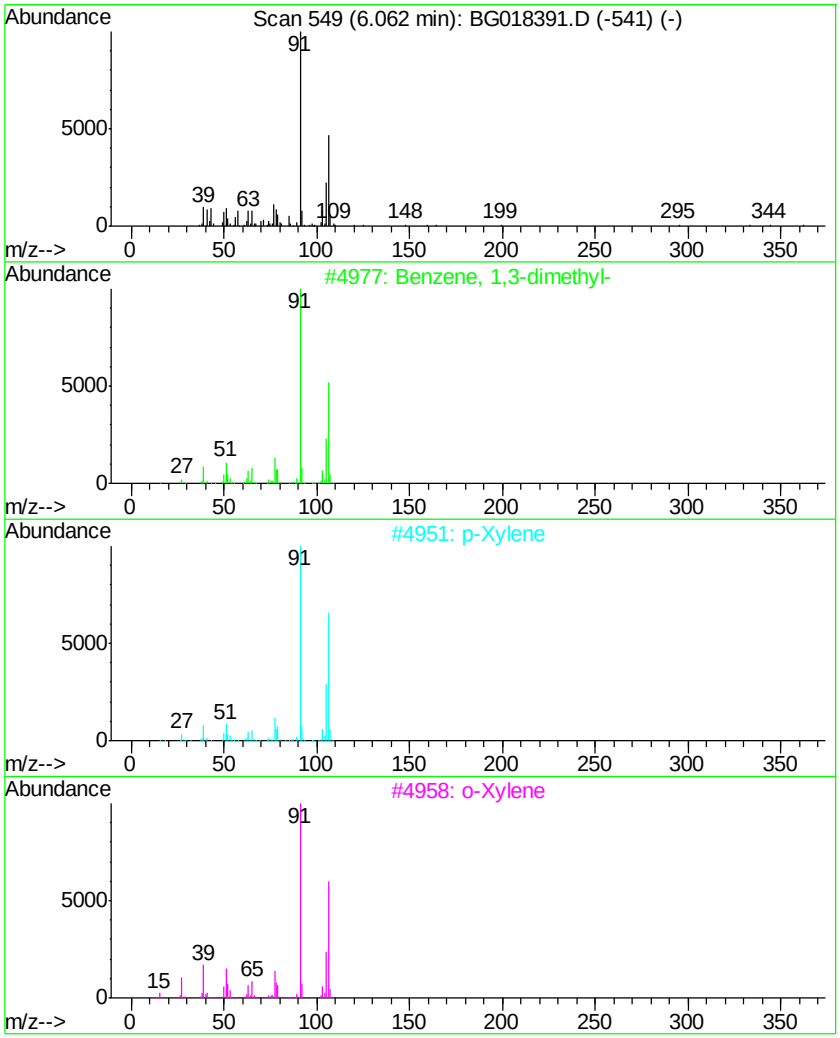
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

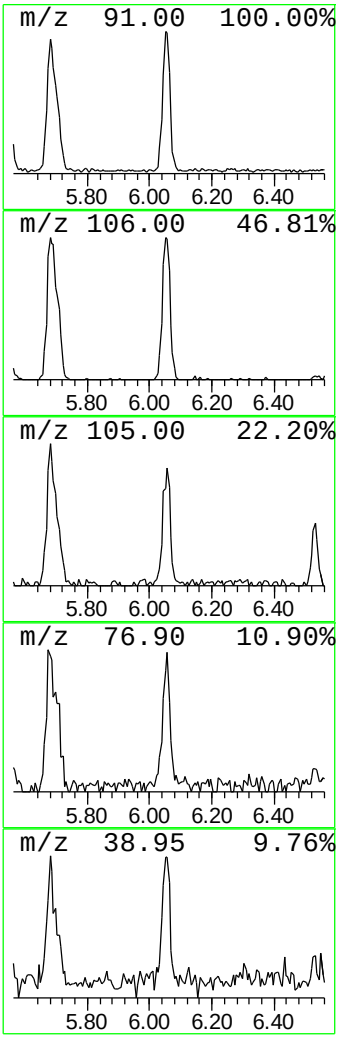
****

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.06	3.98 ng/ul	174288	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
2	p-Xylene	106	C8H10	000106-42-3	94
3	o-Xylene	106	C8H10	000095-47-6	90
4	o-Xylene	106	C8H10	000095-47-6	90
5	p-Xylene	106	C8H10	000106-42-3	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018391.D
Acq On : 11 Aug 2015 21:14
Operator : UM/MA
Sample : G3154-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

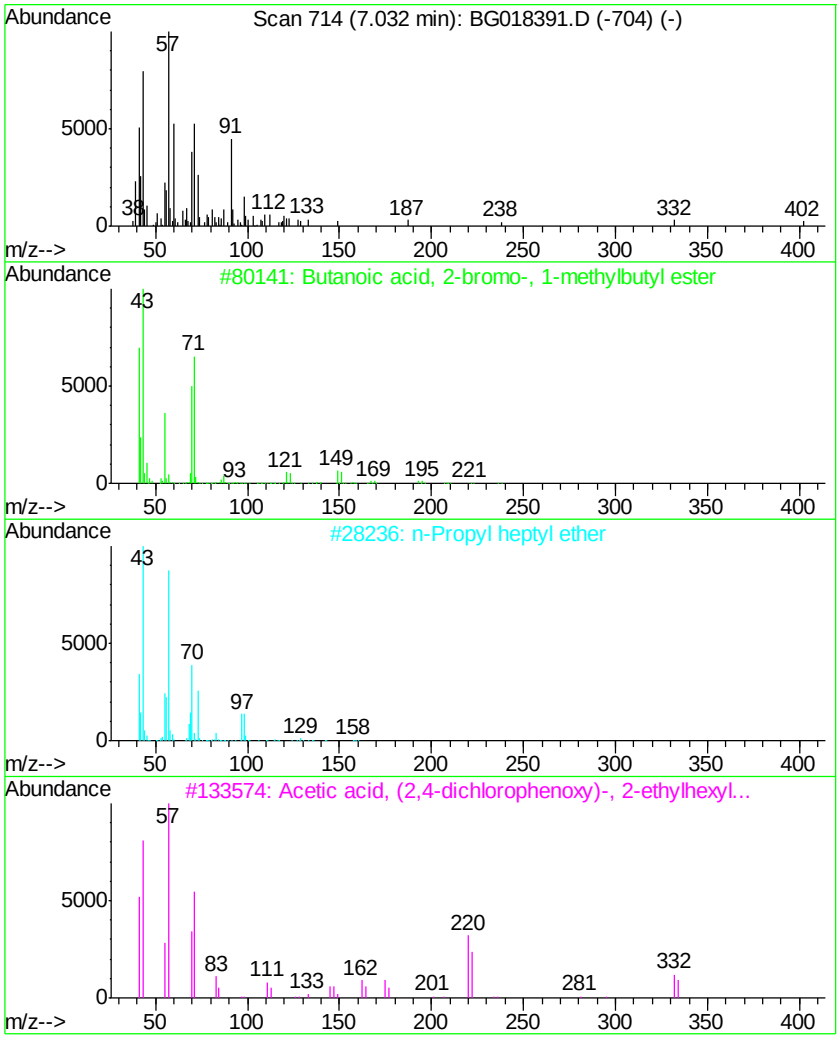
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

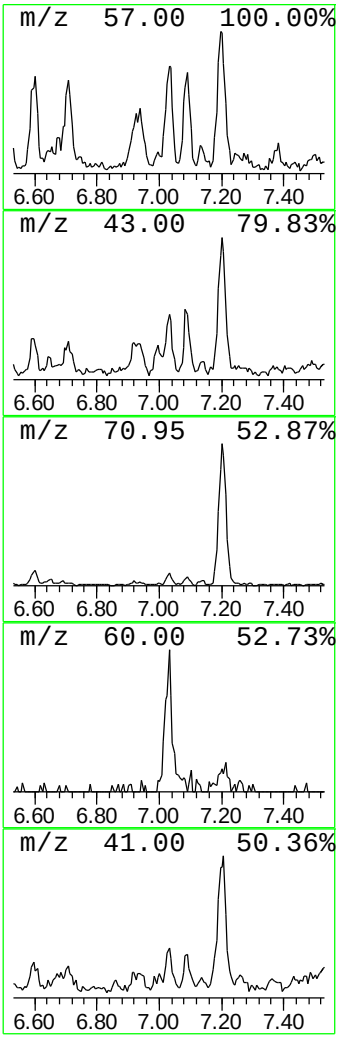
****

Peak Number 3 unknown-01 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	2.72 ng/ul	119080	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-bromo-, 1-methy...	236	C9H17BrO2	1000131-81-9	38
2	n-Propyl heptyl ether	158	C10H22O	071112-89-5	32
3	Acetic acid, (2,4-dichlorophenox...	332	C16H22Cl2O3	001928-43-4	32
4	Decane, 2-methyl-	156	C11H24	006975-98-0	27
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	27





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018391.D
Acq On : 11 Aug 2015 21:14
Operator : UM/MA
Sample : G3154-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

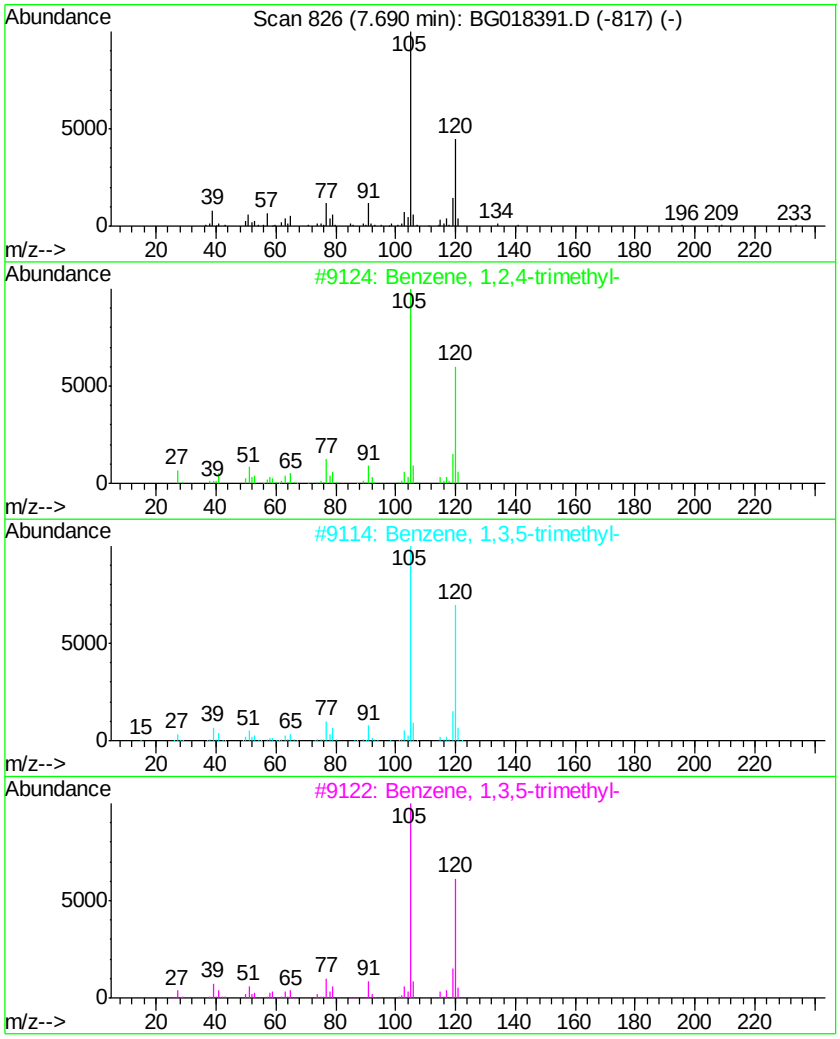
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

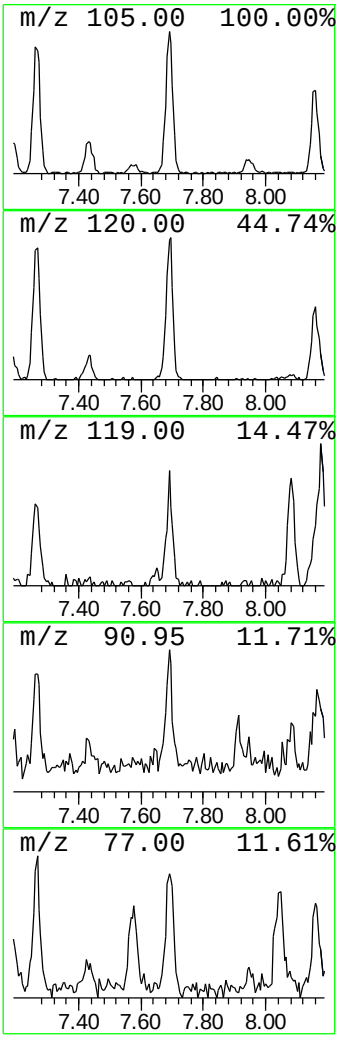
****

Peak Number 4 Benzene, 1,2,4-trimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	4.25 ng/ul	186215	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018391.D
Acq On : 11 Aug 2015 21:14
Operator : UM/MA
Sample : G3154-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

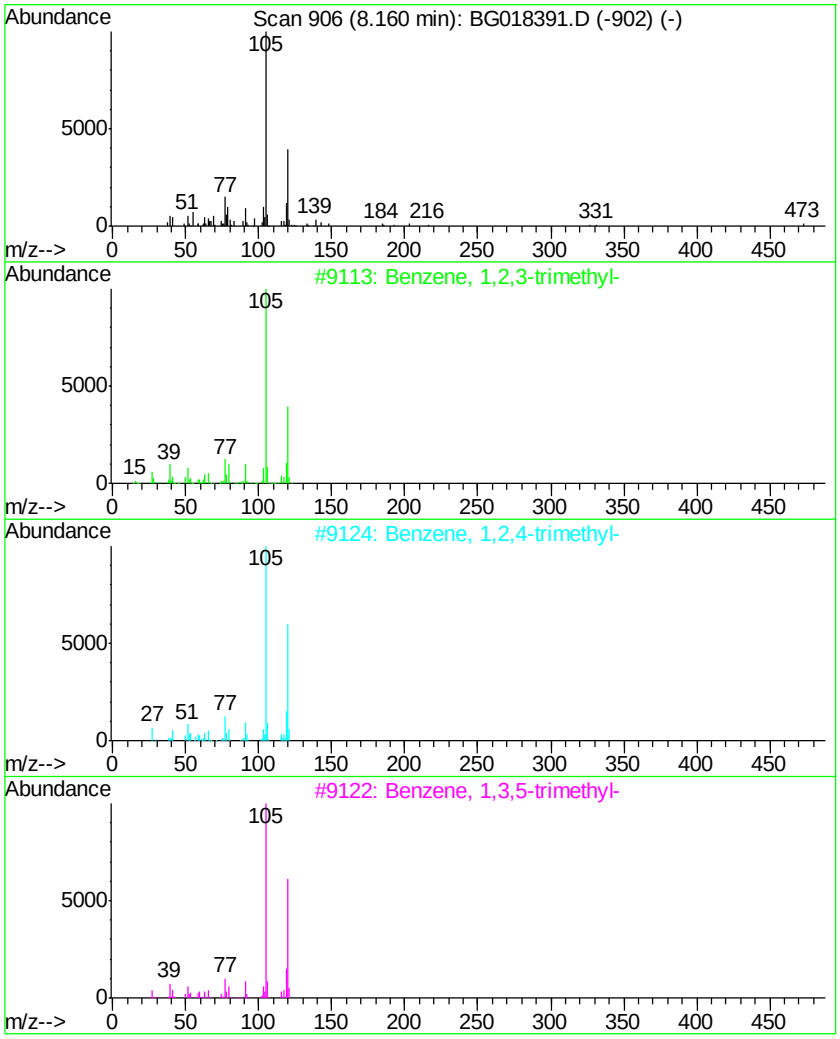
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

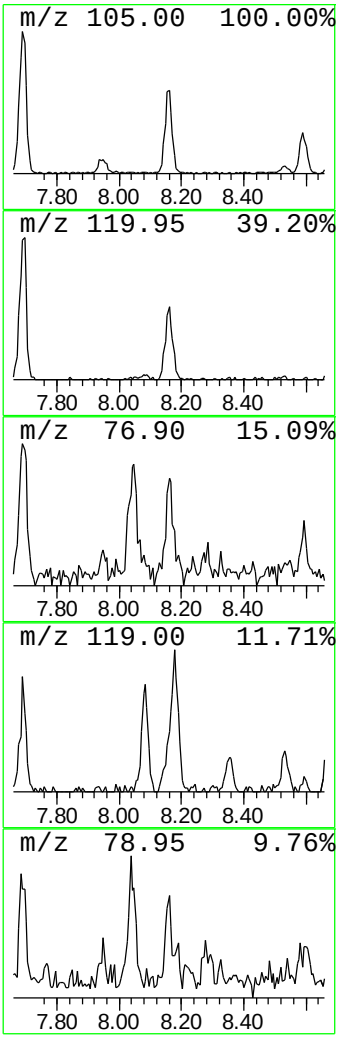
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	2.25 ng/ul	98751	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	83
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	83
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	83
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018391.D
Acq On : 11 Aug 2015 21:14
Operator : UM/MA
Sample : G3154-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

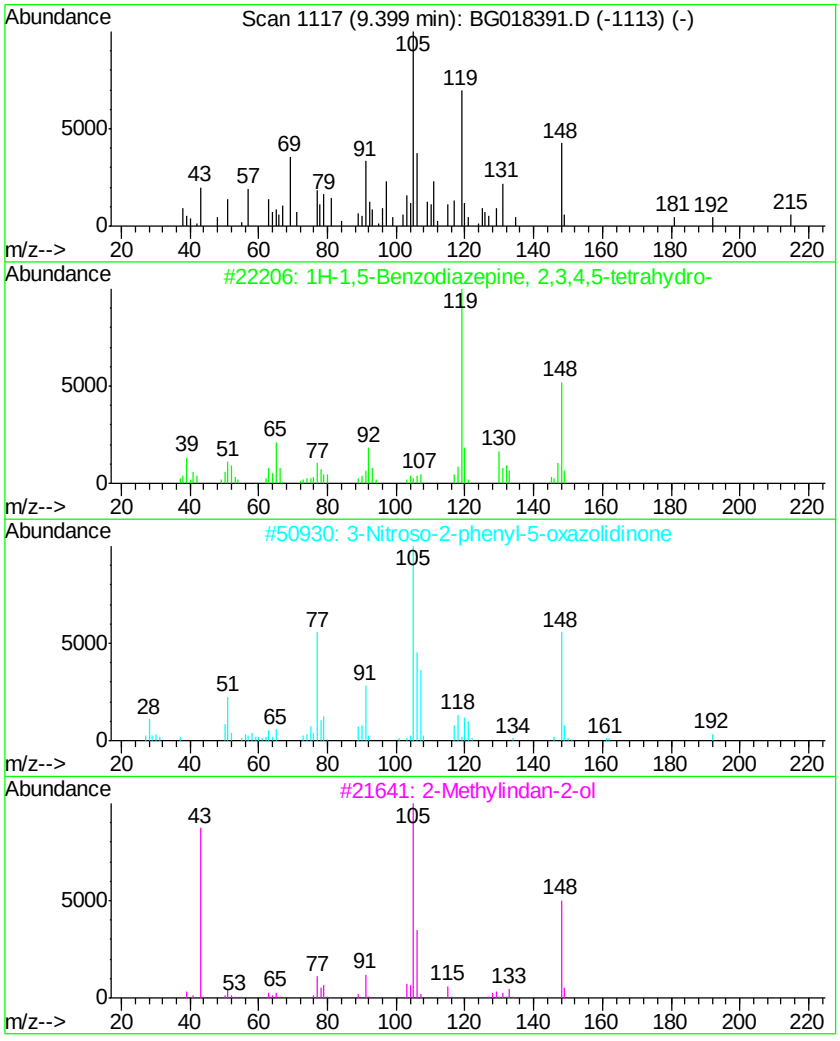
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

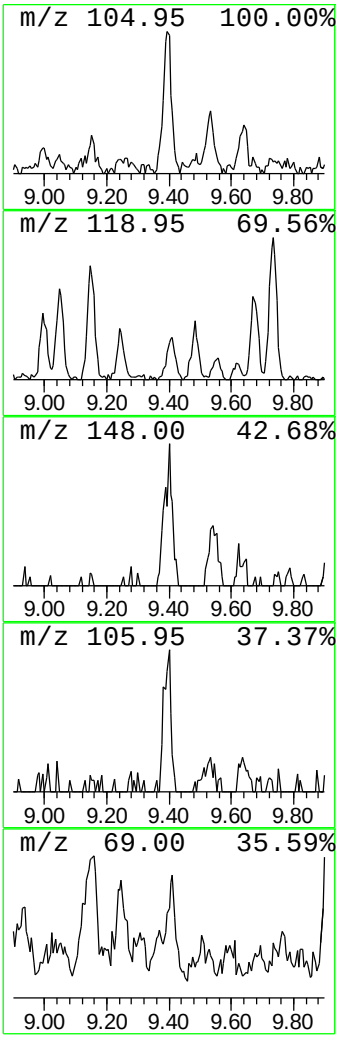
****

Peak Number 6 unknown-02 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	2.22 ng/ul	97138	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-1,5-Benzodiazepine, 2,3,4,5-t...	148	C9H12N2	006516-89-8	35
2	3-Nitroso-2-phenyl-5-oxazolidinone	192	C9H8N2O3	074471-73-1	30
3	2-Methylindan-2-ol	148	C10H12O	033223-84-6	22
4	Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	18
5	Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	18





Library Search Compound Report

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Data File : BG018391.D
Acq On : 11 Aug 2015 21:14
Operator : UM/MA
Sample : G3154-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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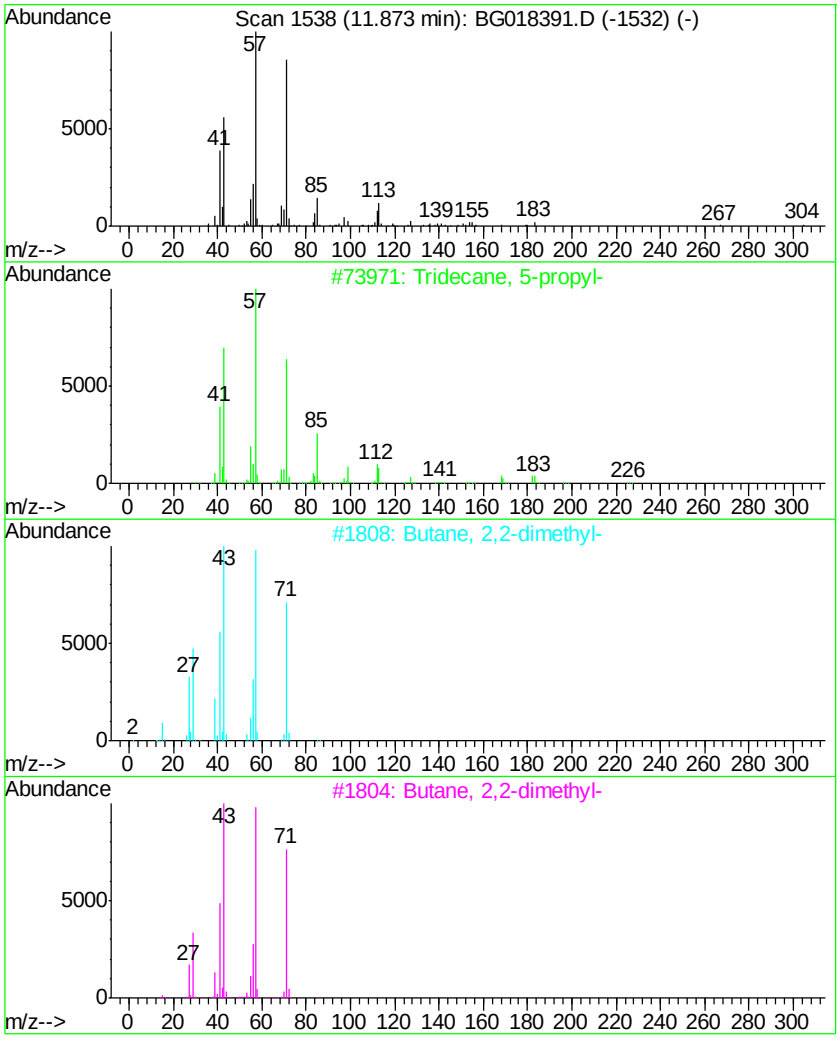
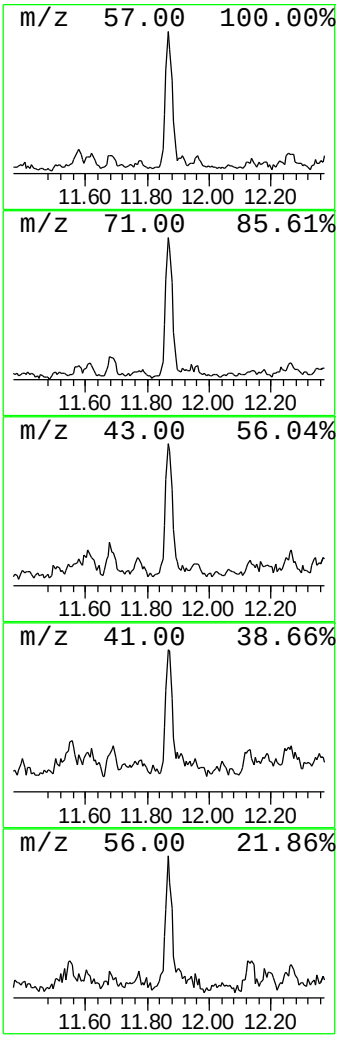
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	2.62 ng/ul	182312	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
2	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53
3	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53
4	Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	53
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	50





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Operator : UM/MA
Sample : G3154-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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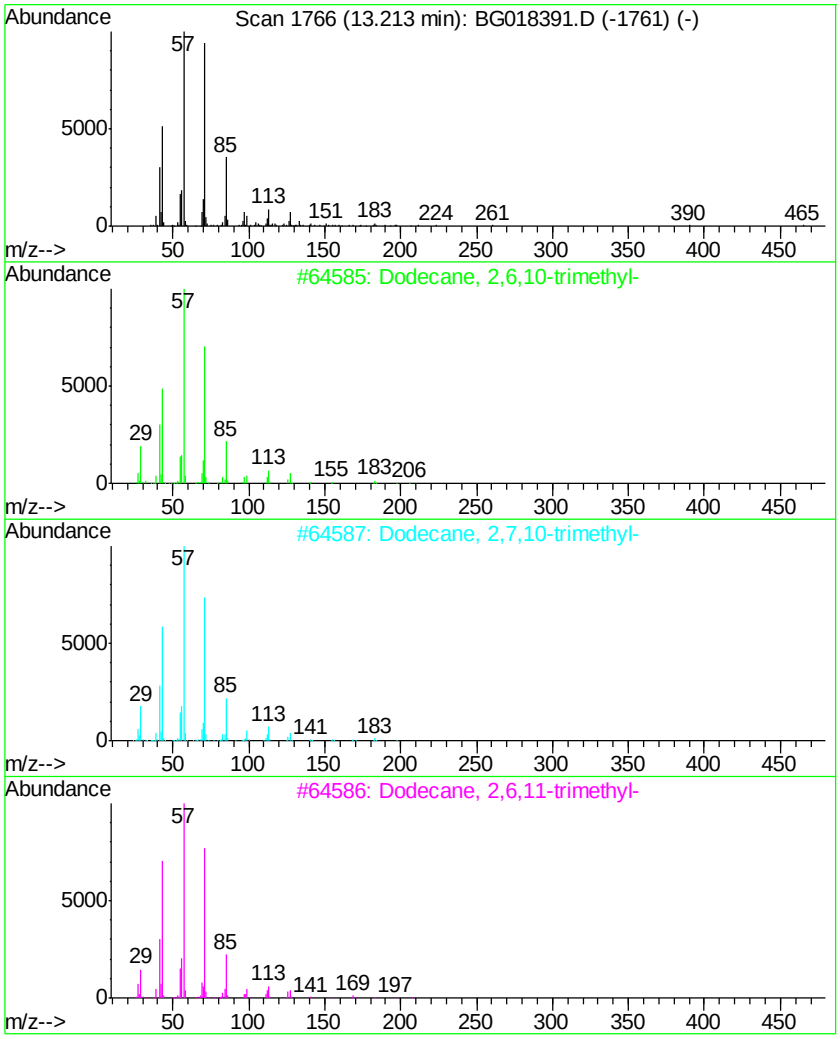
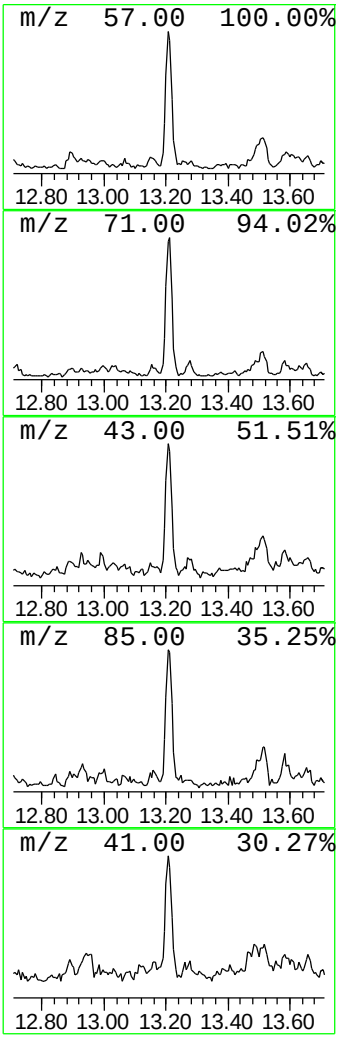
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	2.92 ng/ul	292355	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59





Library Search Compound Report

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Operator : UM/MA
Sample : G3154-06
Misc :
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Instrument : BNA_G
ClientSampleId : C01Z1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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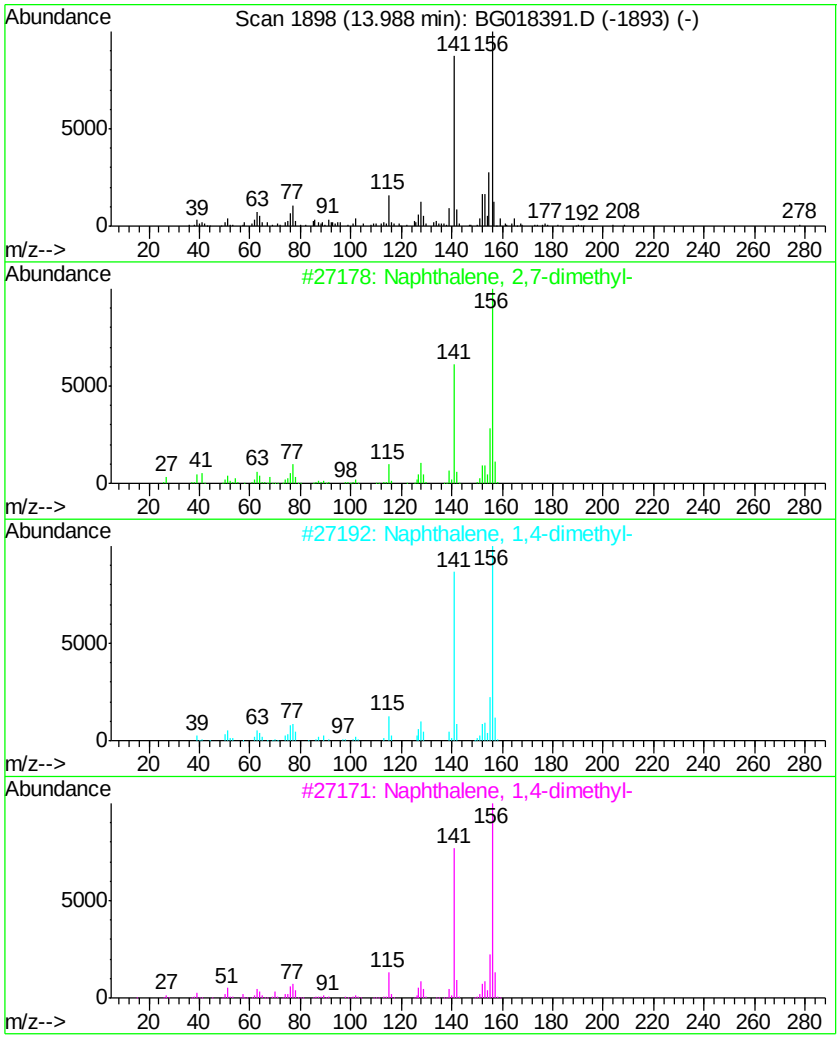
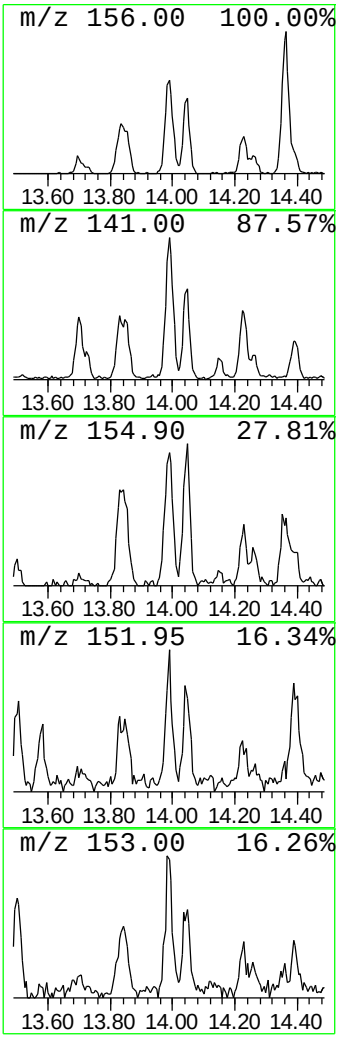
Peak Number 9 Naphthalene, 2,7-dimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	2.08 ng/ul	208316	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Library Search Compound Report

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Data File : BG018391.D
Acq On : 11 Aug 2015 21:14
Operator : UM/MA
Sample : G3154-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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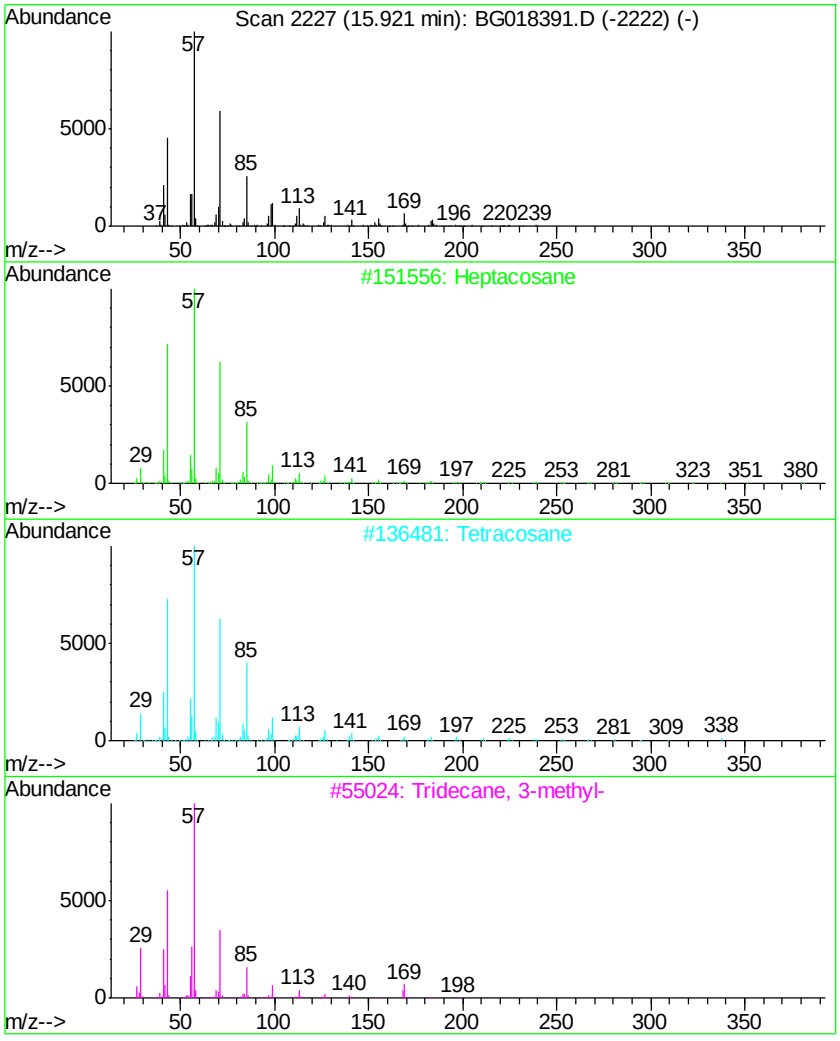
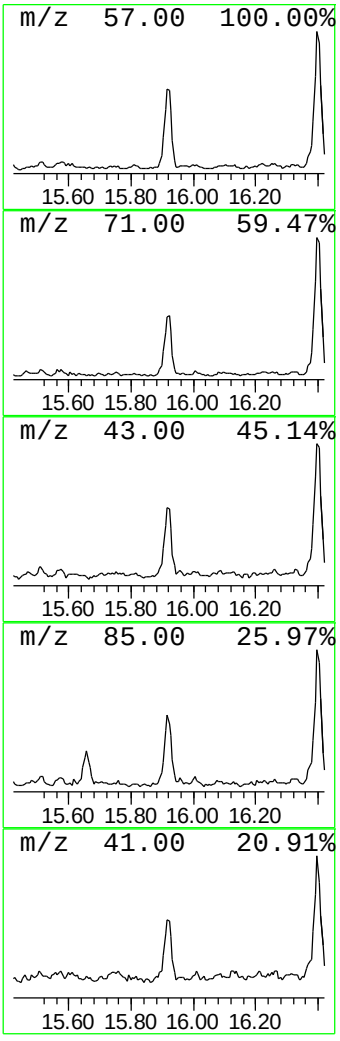
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	5.09 ng/ul	509337	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	80
2	Tetracosane	338	C24H50	000646-31-1	80
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	80
4	Dodecane	170	C12H26	000112-40-3	78
5	Hexadecane	226	C16H34	000544-76-3	76





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Operator : UM/MA
Sample : G3154-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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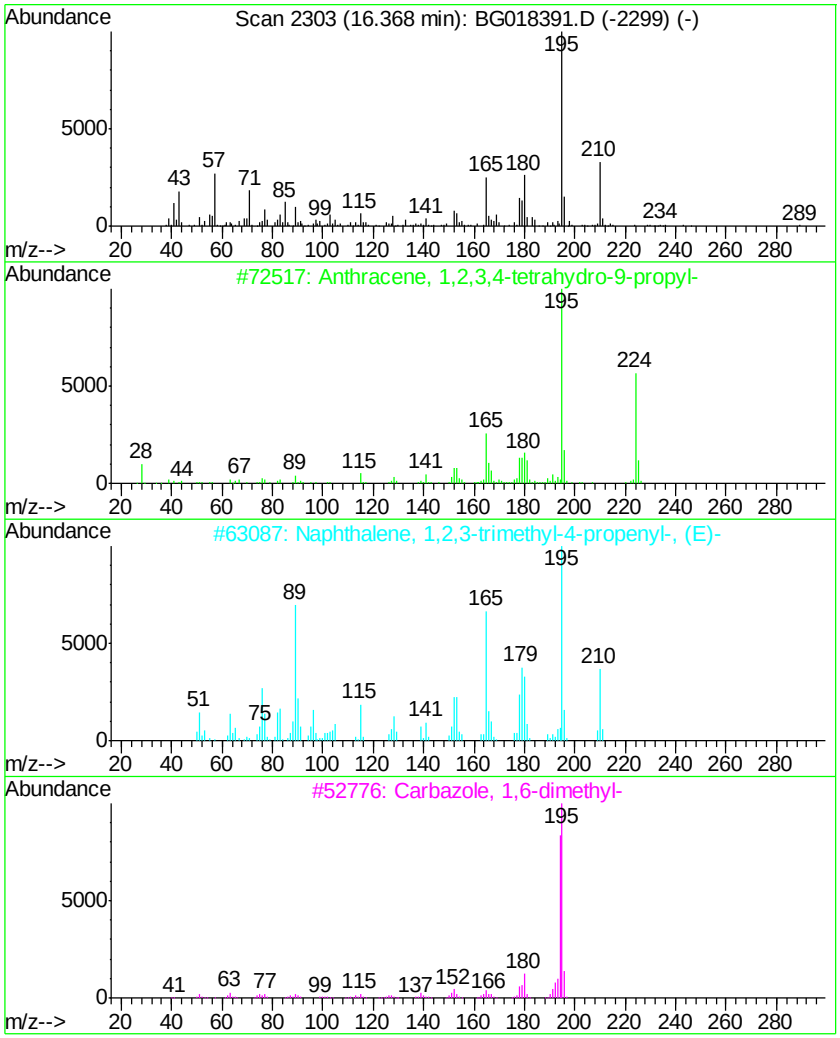
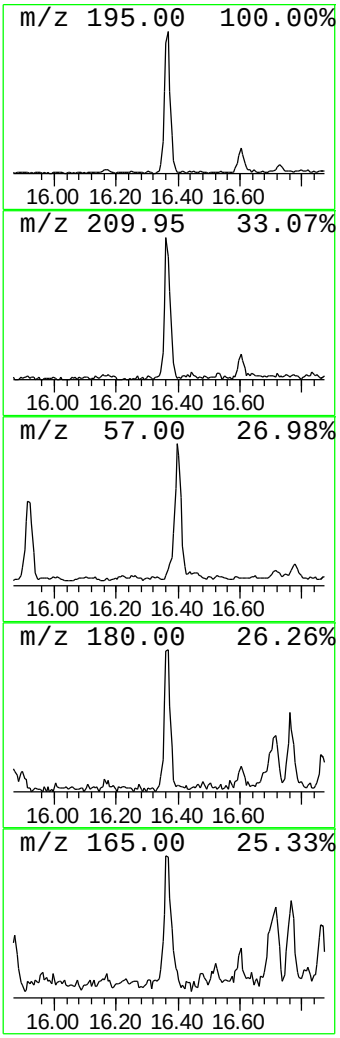
Peak Number 11 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	3.16 ng/ul	319740	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-9...	224	C17H20	101580-33-0	58
2	Naphthalene, 1,2,3-trimethyl-4-p...	210	C16H18	026137-53-1	49
3	Carbazole, 1,6-dimethyl-	195	C14H13N	078787-77-6	47
4	2,4,6-Trimethoxyacetophenone	210	C11H14O4	000832-58-6	47
5	9H-Carbazol-3-amine, 9-ethyl-	210	C14H14N2	000132-32-1	47





Library Search Compound Report

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Data File : BG018391.D
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Sample : G3154-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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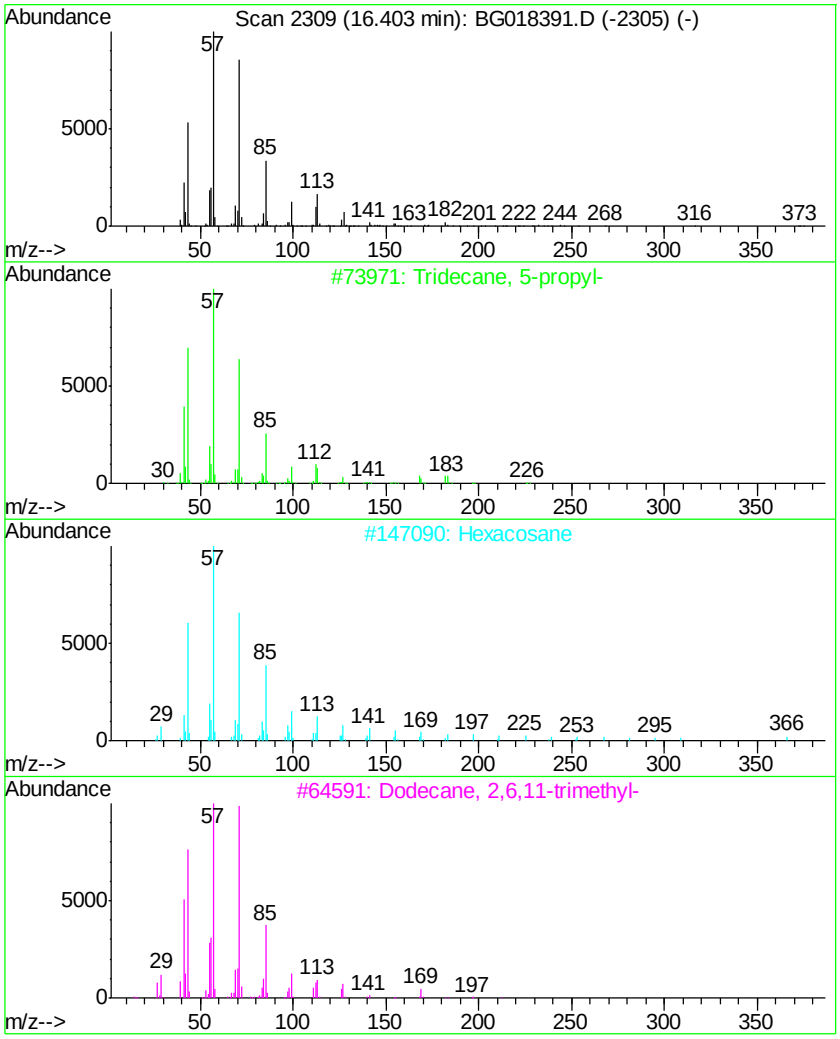
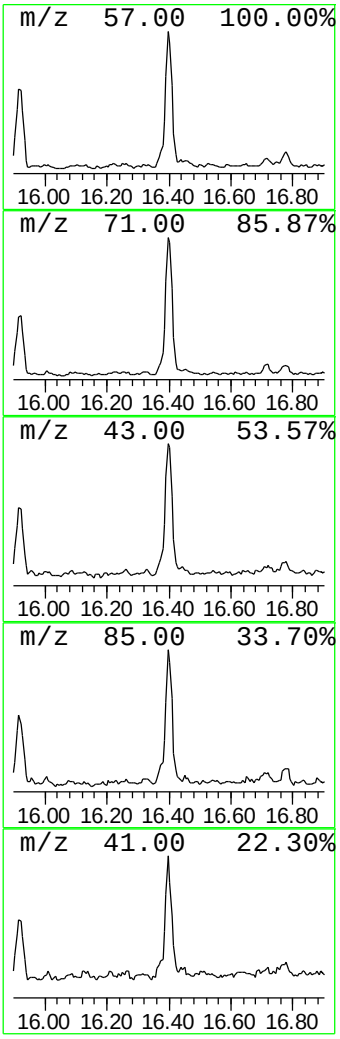
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	8.66 ng/ul	876875	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
2	Hexacosane	366	C26H54	000630-01-3	78
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72





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Sample : G3154-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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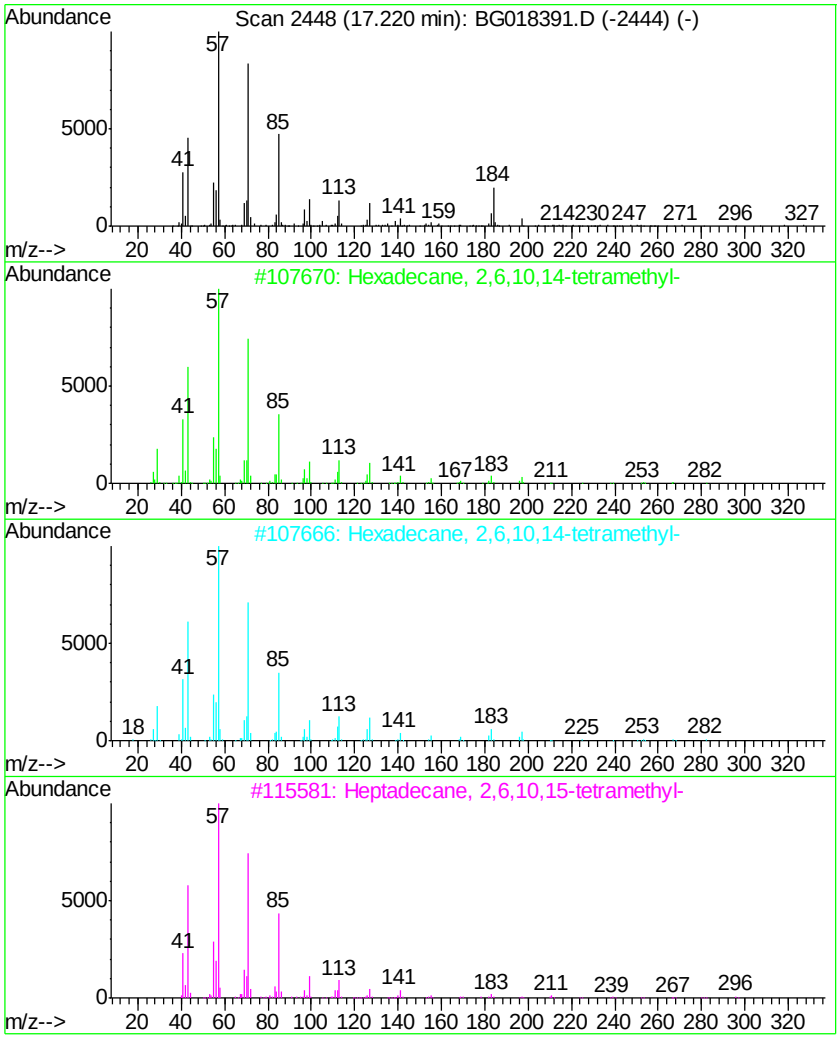
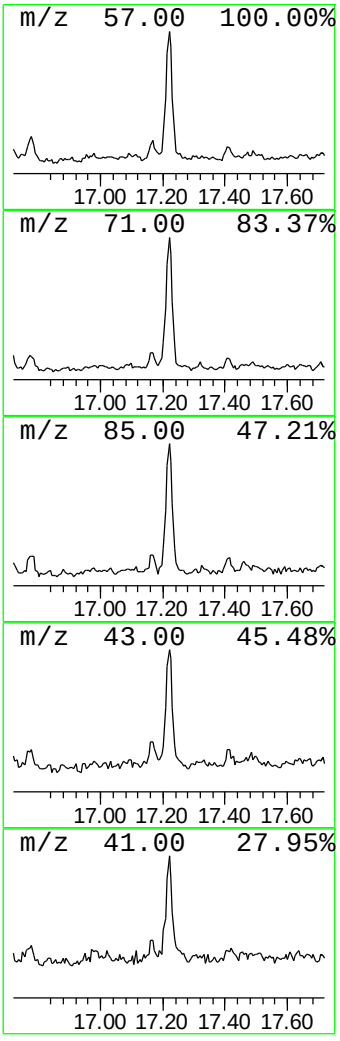
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	6.95 ng/ul	704293	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
4	Hexacosane	366	C26H54	000630-01-3	80
5	Nonadecane	268	C19H40	000629-92-5	80





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Misc :
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Instrument : BNA_G
ClientSampleId : C01Z1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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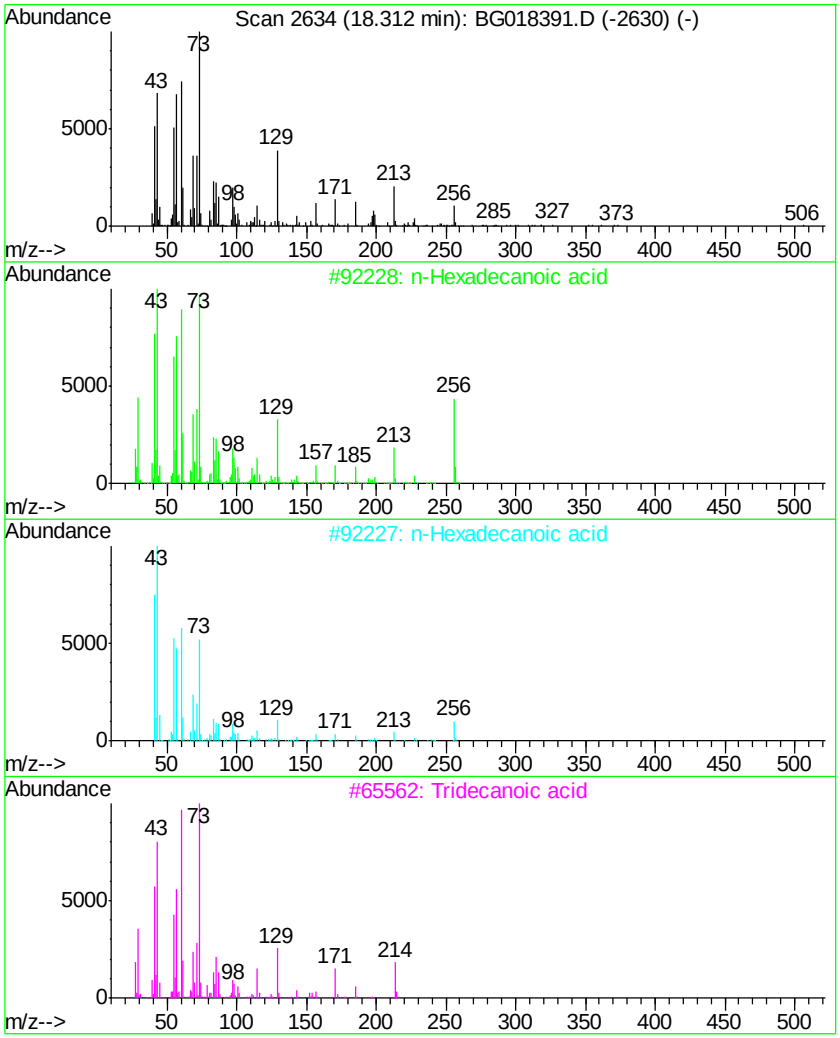
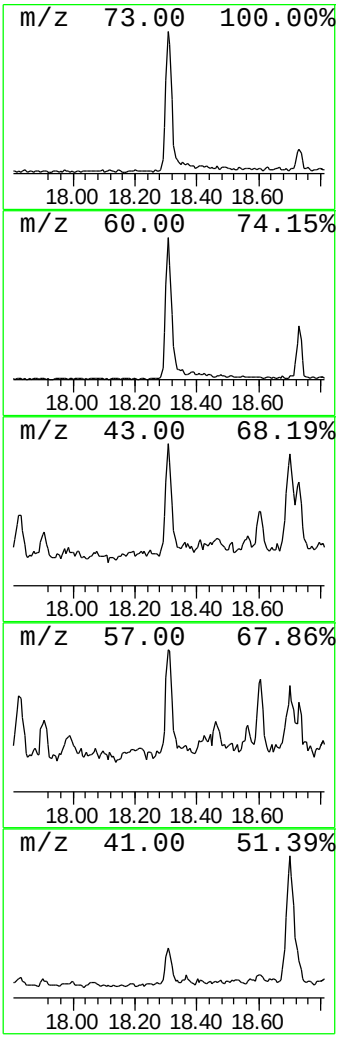
Peak Number 14 n-Hexadecanoic acid Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	5.34 ng/ul	540823	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	80





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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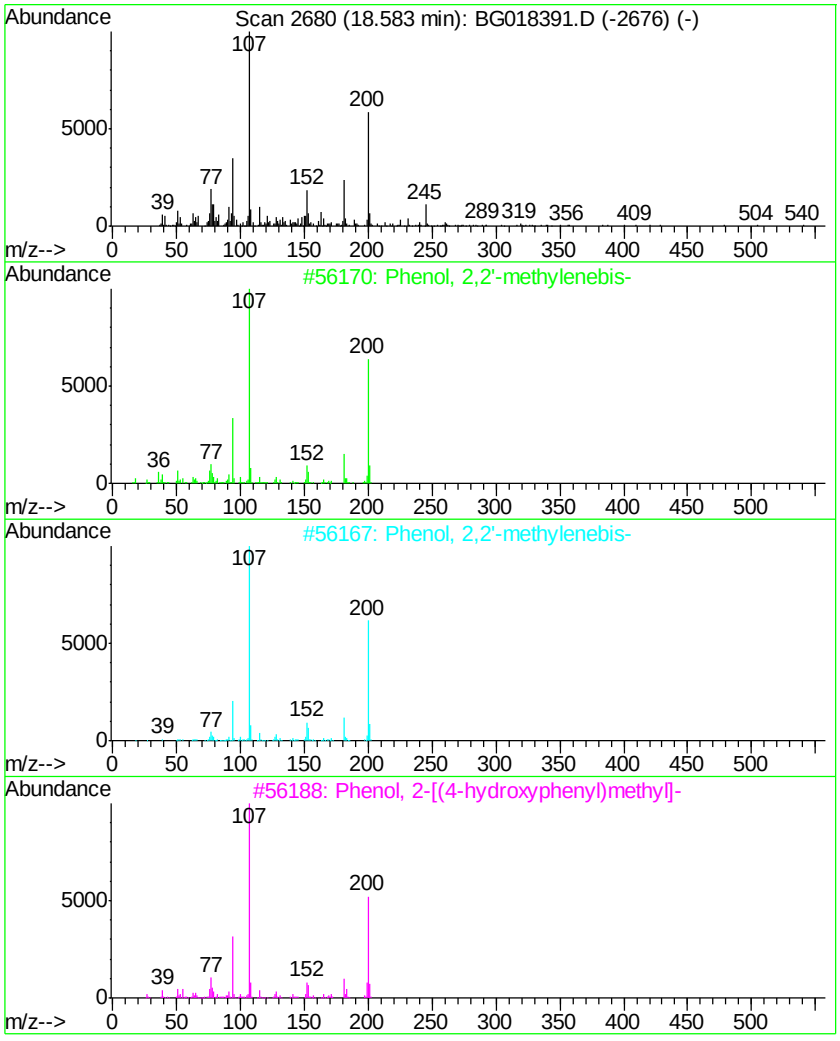
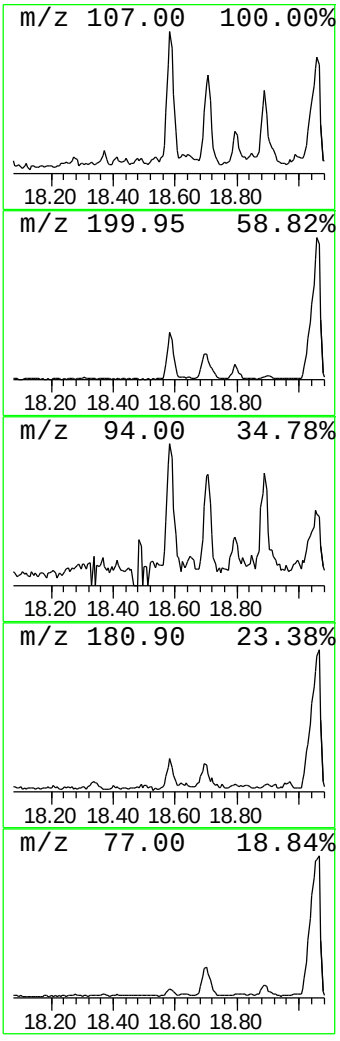
Peak Number 15 Phenol, 2,2'-methylenebis- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	4.34 ng/ul	439989	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,2'-methylenebis-	200	C13H12O2	002467-02-9	87
2	Phenol, 2,2'-methylenebis-	200	C13H12O2	002467-02-9	87
3	Phenol, 2-[(4-hydroxyphenyl)meth...	200	C13H12O2	002467-03-0	76
4	Phenol, 2-[(4-hydroxyphenyl)meth...	200	C13H12O2	002467-03-0	68
5	Benzene, 1,1'-[methylenebis(oxy)...	200	C13H12O2	004442-41-5	50





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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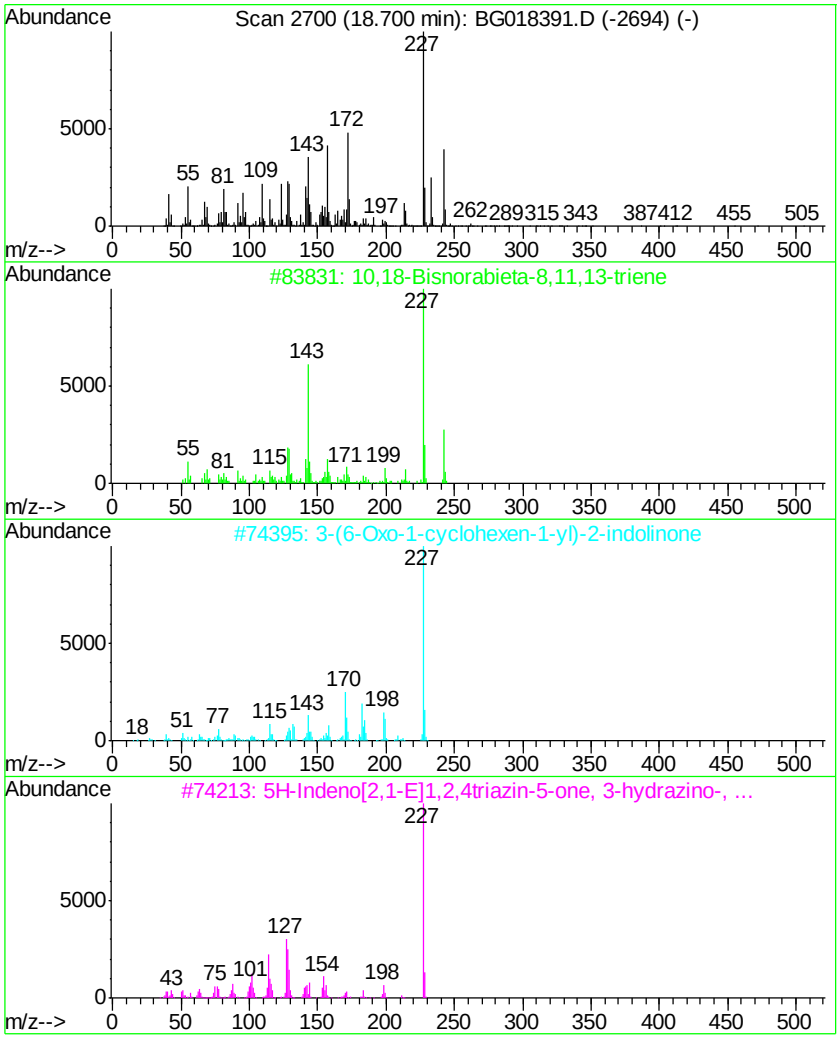
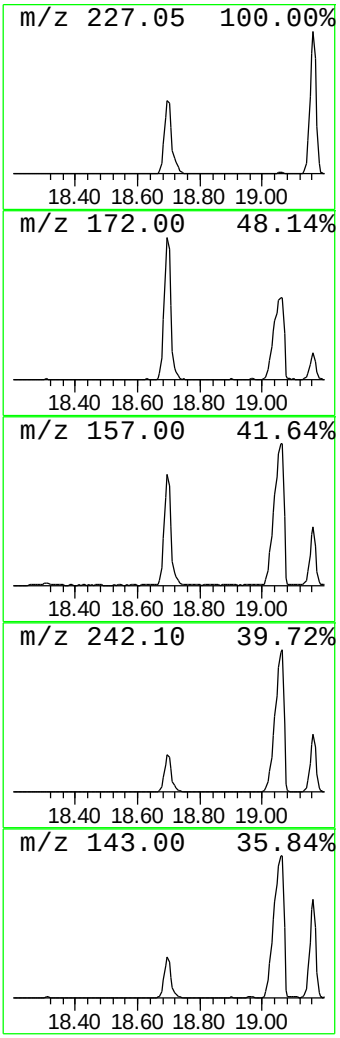
Peak Number 16 10,18-Bisnorabieta-8,11,13-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	91.54 ng/ul	9272390	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	64
2	3-(6-Oxo-1-cyclohexen-1-yl)-2-in...	227	C14H13NO2	076325-86-5	30
3	5H-Indeno[2,1-E]1,2,4triazin-5-o...	227	C10H9N7	1000271-75-1	30
4	2-(4-((Trimethylsilyl)oxy)benzyl...	242	C13H14N2OSi	1000297-99-1	27
5	5-Methoxy-2-methyl-4-oxo-1,2,3,4...	242	C14H14N2O2	1000227-06-0	25





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Instrument : BNA_G
ClientSampleId : C01Z1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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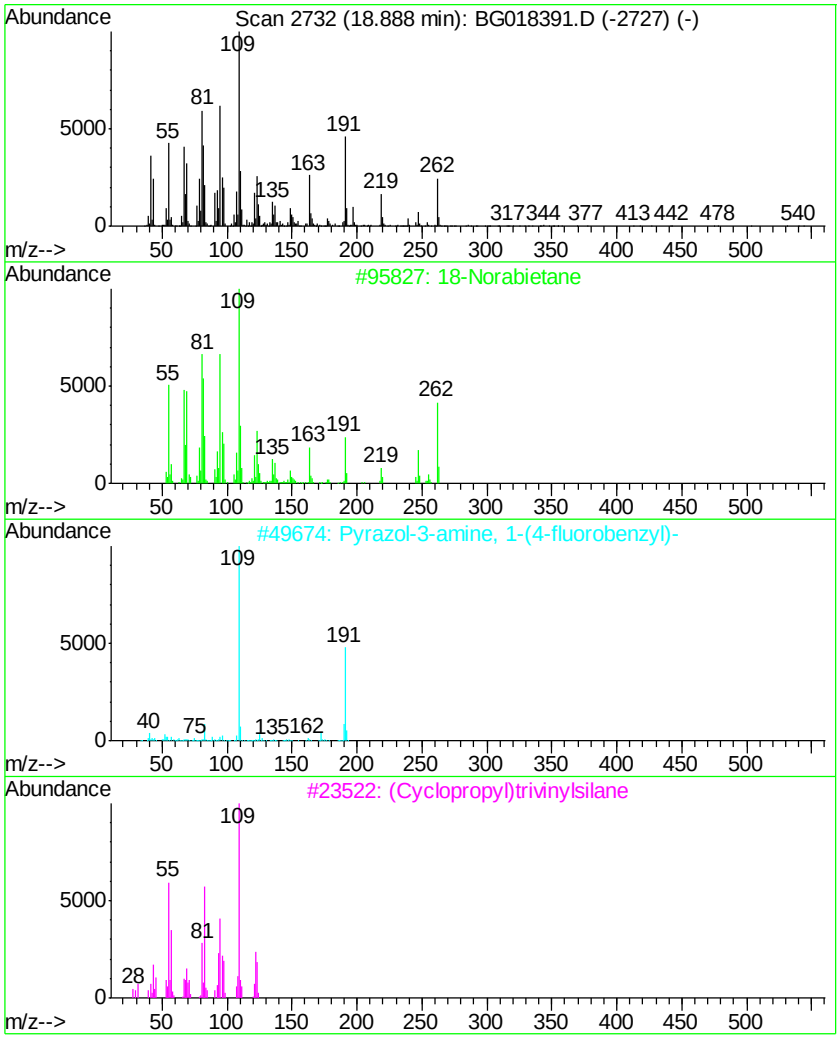
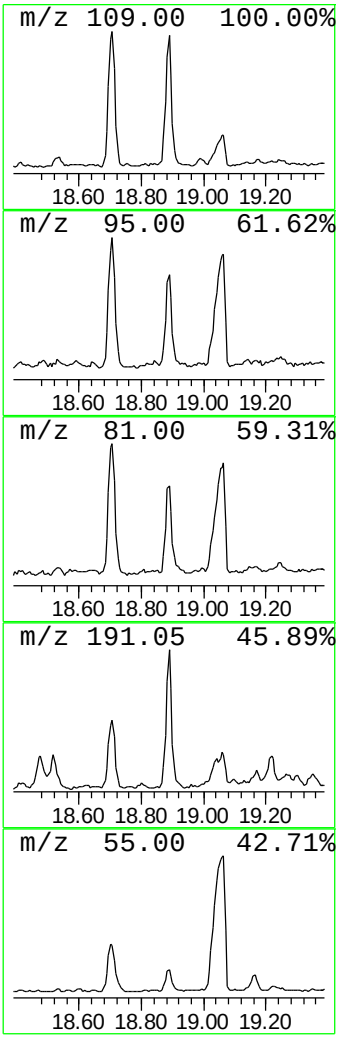
Peak Number 17 18-Norabietane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	20.26 ng/ul	2051930	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	95
2	Pyrazol-3-amine, 1-(4-fluorobenz...	191	C10H10FN3	1000272-83-2	38
3	(Cyclopropyl)trivinylsilane	150	C9H14Si	1000109-93-8	38
4	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	35
5	Naphthalene, decahydro-1,6-dimet...	208	C15H28	034315-85-0	35





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Data File : BG018391.D
Acq On : 11 Aug 2015 21:14
Operator : UM/MA
Sample : G3154-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

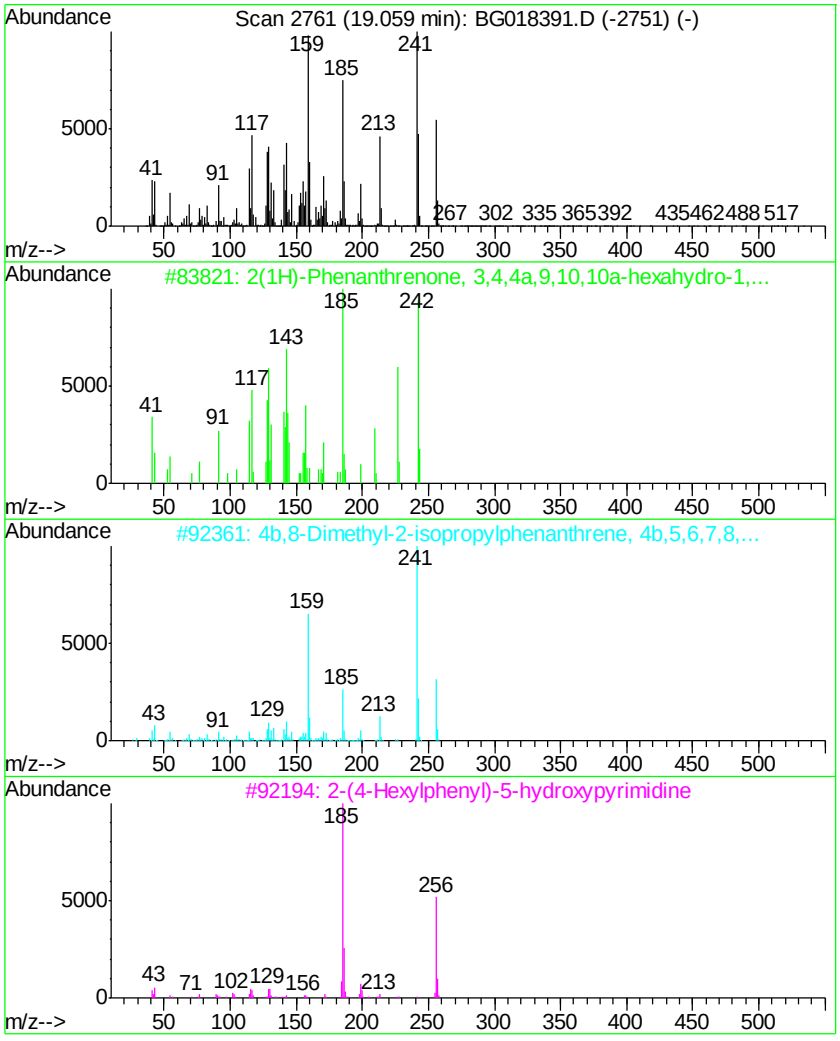
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

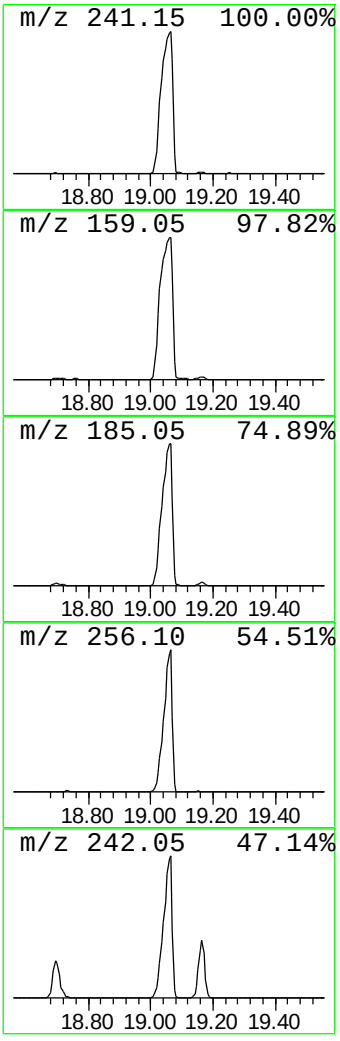
****

Peak Number 18 2(1H)-Phenanthrenone, 3,4,4... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	557.51 ng/ul	56470700	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Phenanthrenone, 3,4,4a,9,1...	242	C17H22O	061141-19-3	52
2	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	50
3	2-(4-Hexylphenyl)-5-hydroxypyrim...	256	C16H20N2O	106808-96-2	20
4	3,5-Bis(trifluoromethyl)benzalde...	242	C9H4F6O	000401-95-6	18
5	1H-Indene, 2,3-dihydro-1,1-dimet...	214	C16H22	055030-58-5	14





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Data File : BG018391.D
Acq On : 11 Aug 2015 21:14
Operator : UM/MA
Sample : G3154-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z1

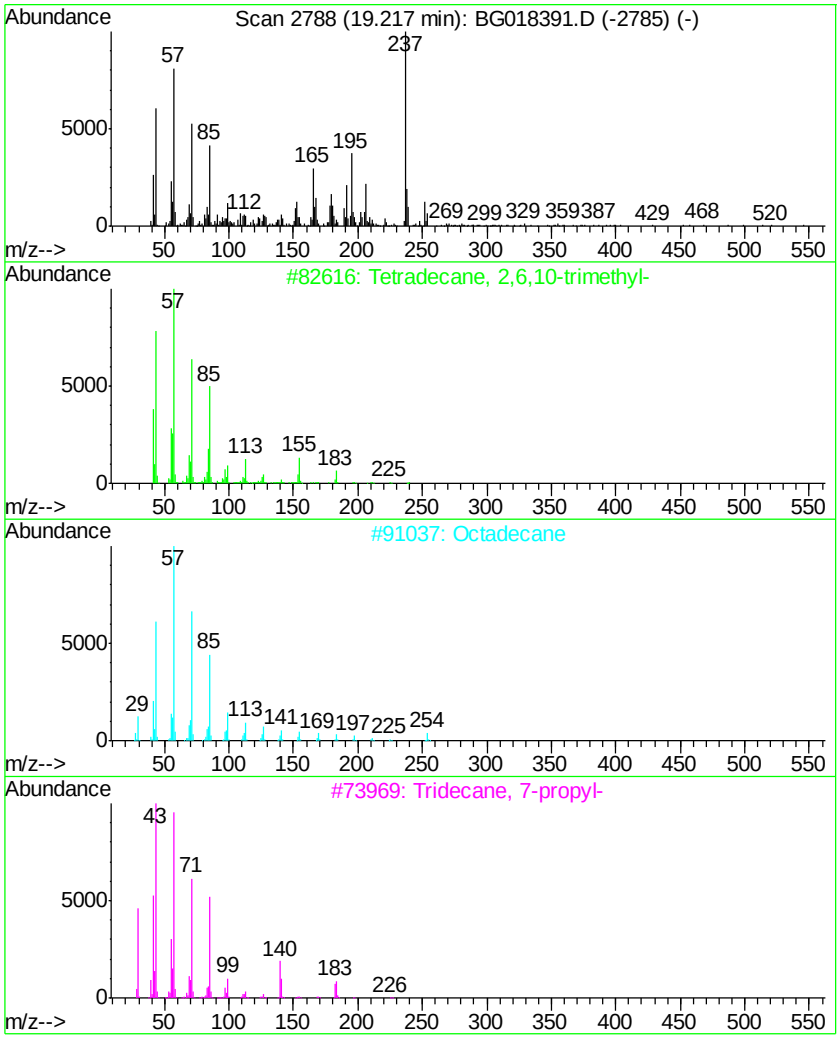
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

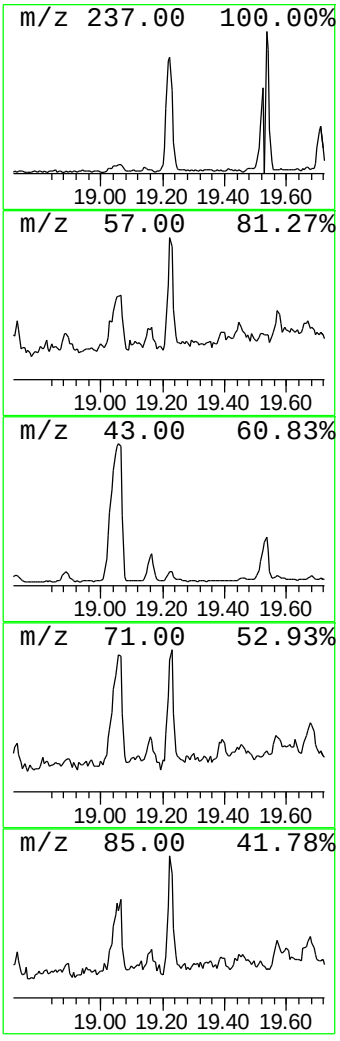
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	6.76 ng/ul	685041	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	51
2	Octadecane	254	C18H38	000593-45-3	50
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	49
4	Tridecane	184	C13H28	000629-50-5	38
5	Octacosane	394	C28H58	000630-02-4	30





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Acq On : 11 Aug 2015 21:14
Operator : UM/MA
Sample : G3154-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

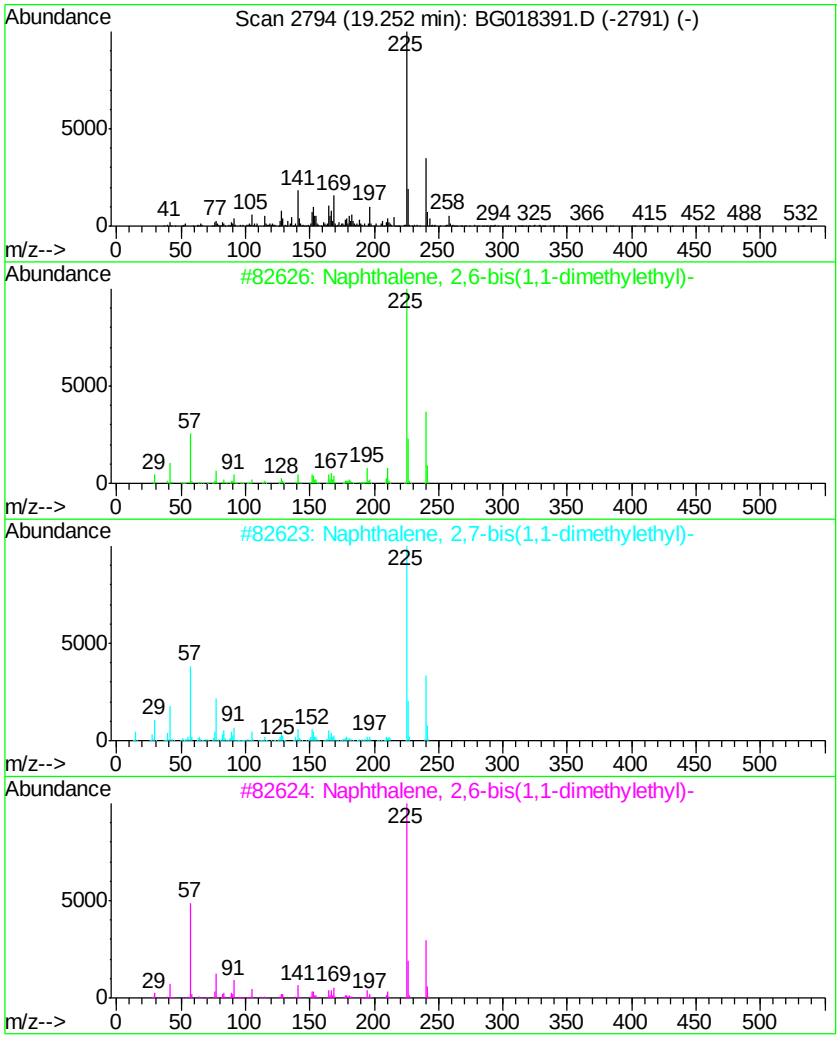
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

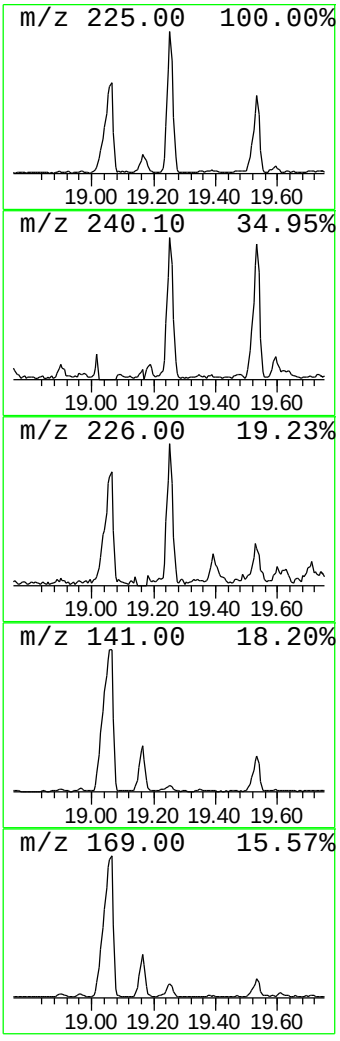
****

Peak Number 21 Naphthalene, 2,6-bis(1,1-di... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	8.72 ng/ul	883166	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-bis(1,1-dimethy...	240	C18H24	003905-64-4	87
2	Naphthalene, 2,7-bis(1,1-dimethy...	240	C18H24	010275-58-8	81
3	Naphthalene, 2,6-bis(1,1-dimethy...	240	C18H24	003905-64-4	72
4	Naphthalene, 2,6-bis(1,1-dimethy...	240	C18H24	003905-64-4	68
5	9H,11H-Pyrrolo[2,1-a]pyrido[3,4-...	240	C15H16N2O	1000137-90-4	40





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Data File : BG018391.D
Acq On : 11 Aug 2015 21:14
Operator : UM/MA
Sample : G3154-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

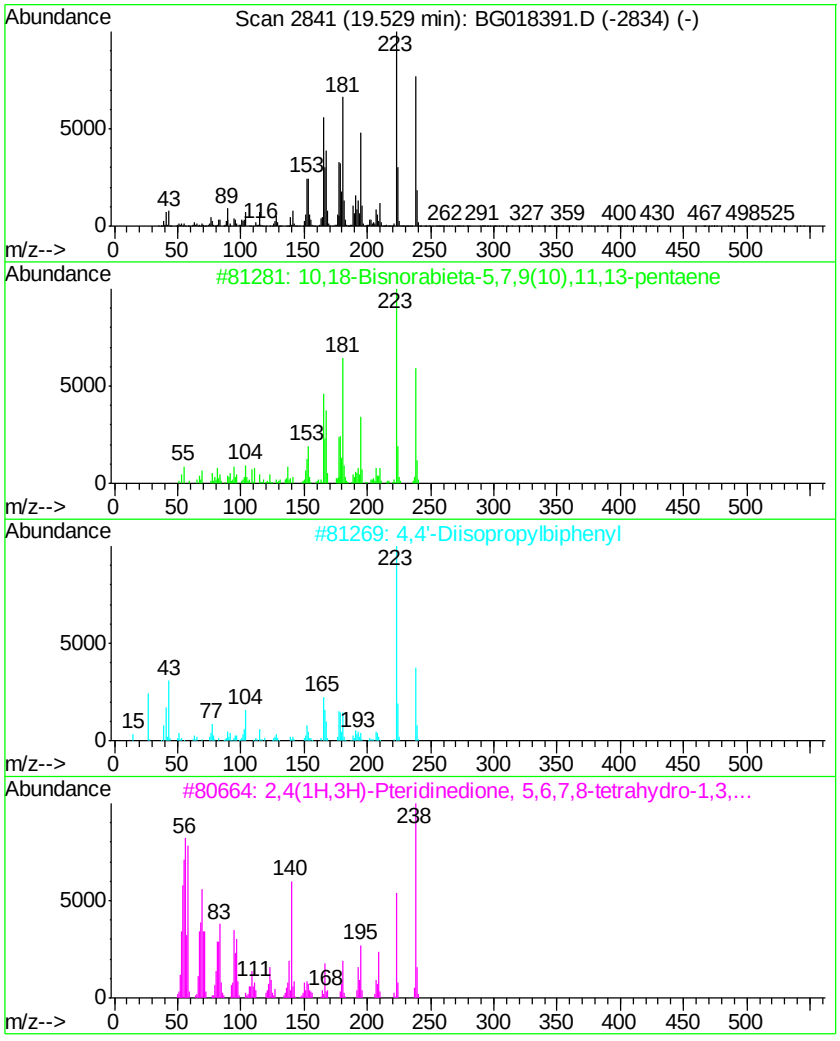
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

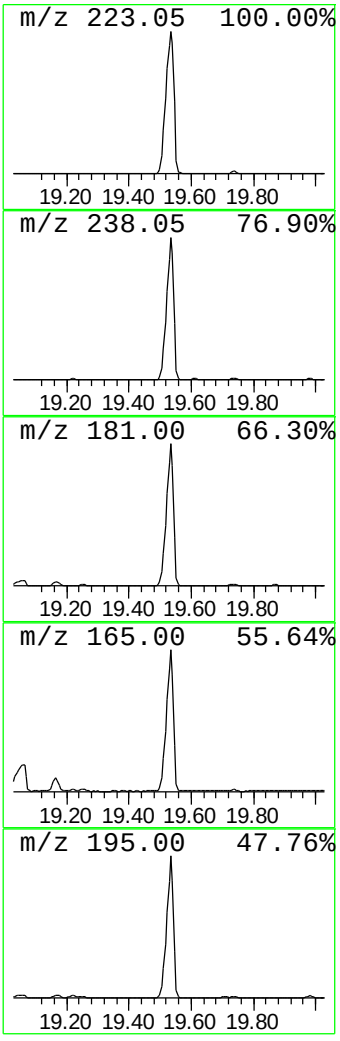
****

Peak Number 22 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.53	253.03 ng/ul	25629800	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	98
2	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	60
3	2,4(1H,3H)-Pteridinedione, 5,6,7...	238	C11H18N4O2	037921-31-6	53
4	1,11,11-Trimethyl-1,2,3,4-tetrah...	238	C16H18N2	1000210-51-9	50
5	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	50





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Data File : BG018391.D
Acq On : 11 Aug 2015 21:14
Operator : UM/MA
Sample : G3154-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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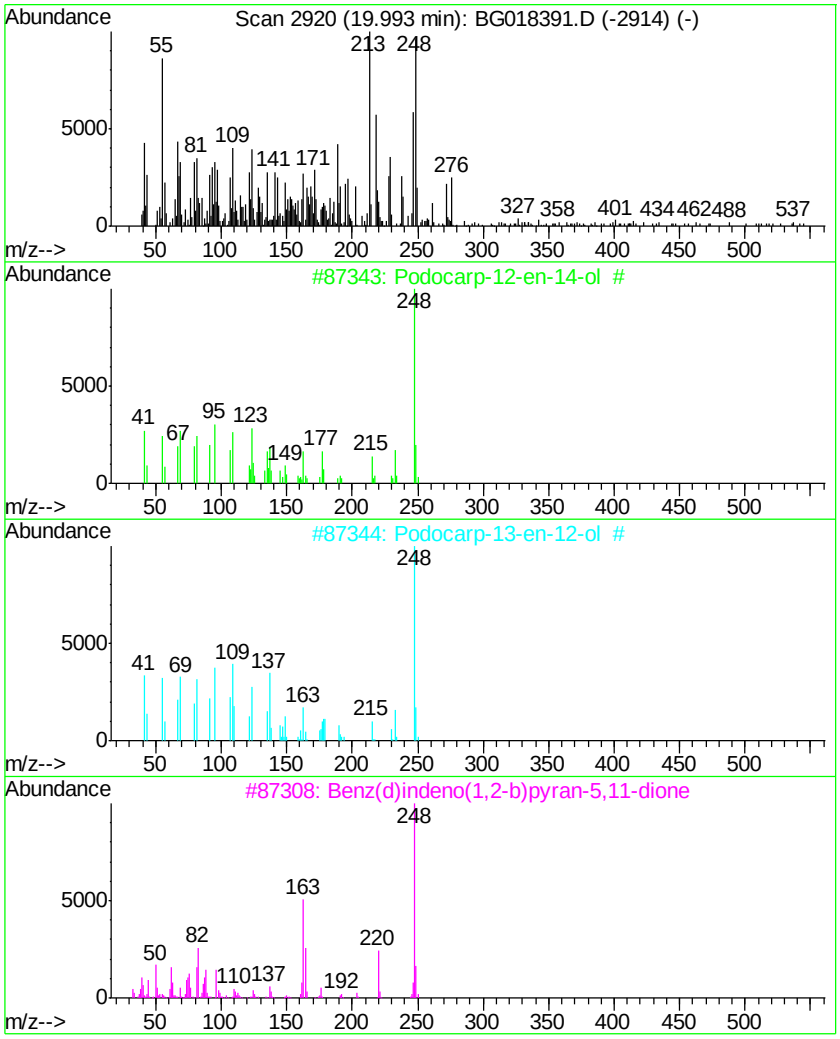
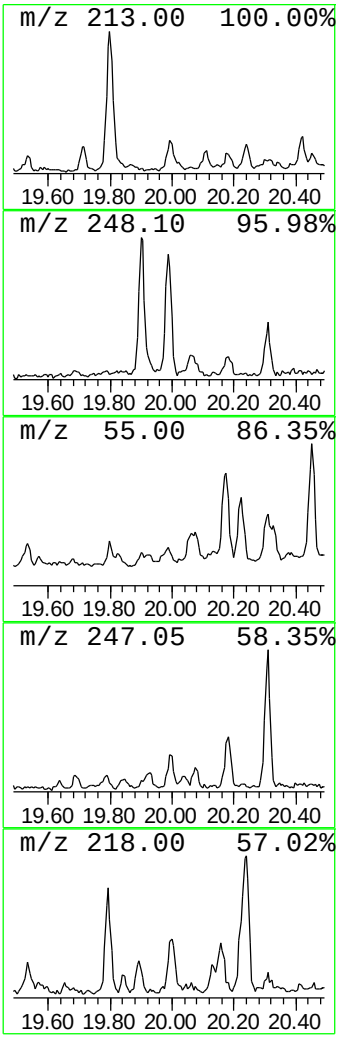
Peak Number 23 unknown-03 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	6.21 ng/ul	684718	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Podocarp-12-en-14-ol #	248	C17H28O	1000148-20-3	41
2	Podocarp-13-en-12-ol #	248	C17H28O	1000148-20-7	25
3	Benz(d)indeno(1,2-b)pyran-5,11-d...	248	C16H8O3	005651-60-5	18
4	2-Methyl-1H-phenanthro[3,4-d)imi...	248	C16H12N2O	098033-26-2	15
5	1,3-Dipropionyl-5-[3,4-dimethoxy...	360	C18H20N2O6	101970-70-1	11





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Data File : BG018391.D
Acq On : 11 Aug 2015 21:14
Operator : UM/MA
Sample : G3154-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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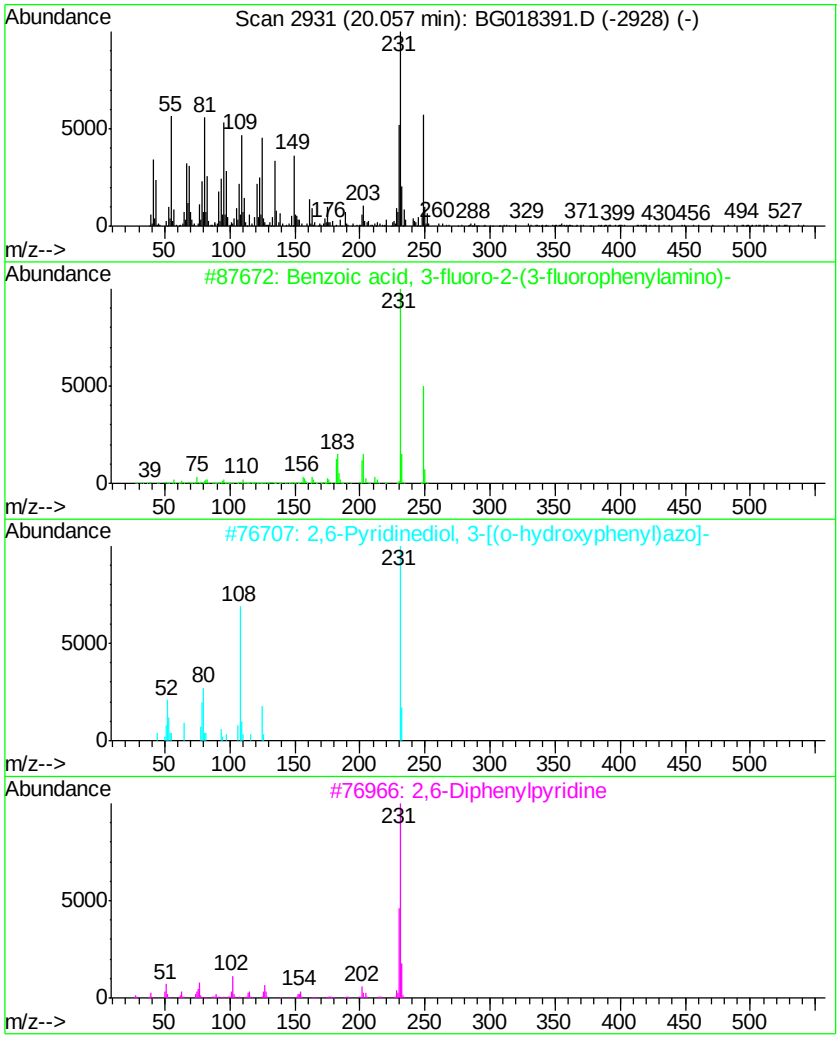
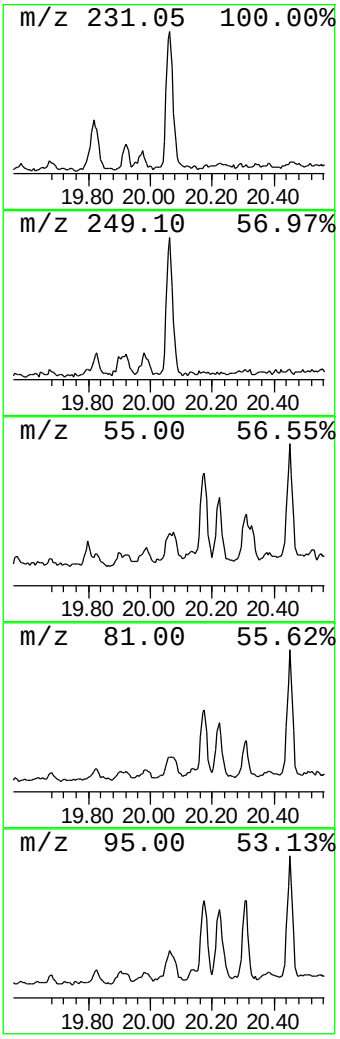
Peak Number 24 unknown-04 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	13.28 ng/ul	1463100	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3-fluoro-2-(3-fluo...	249	C13H9F2NO2	203568-52-9	27
2	2,6-Pyridinediol, 3-[(o-hydroxyp...	231	C11H9N3O3	021269-89-6	22
3	2,6-Diphenylpyridine	231	C17H13N	003558-69-8	18
4	Benzylidine-.beta.-naphthylamine	231	C17H13N	000891-32-7	12
5	4H-1-Benzopyran-2-carboxylic aci...	249	C12H11NO5	032142-43-1	11





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Acq On : 11 Aug 2015 21:14
Operator : UM/MA
Sample : G3154-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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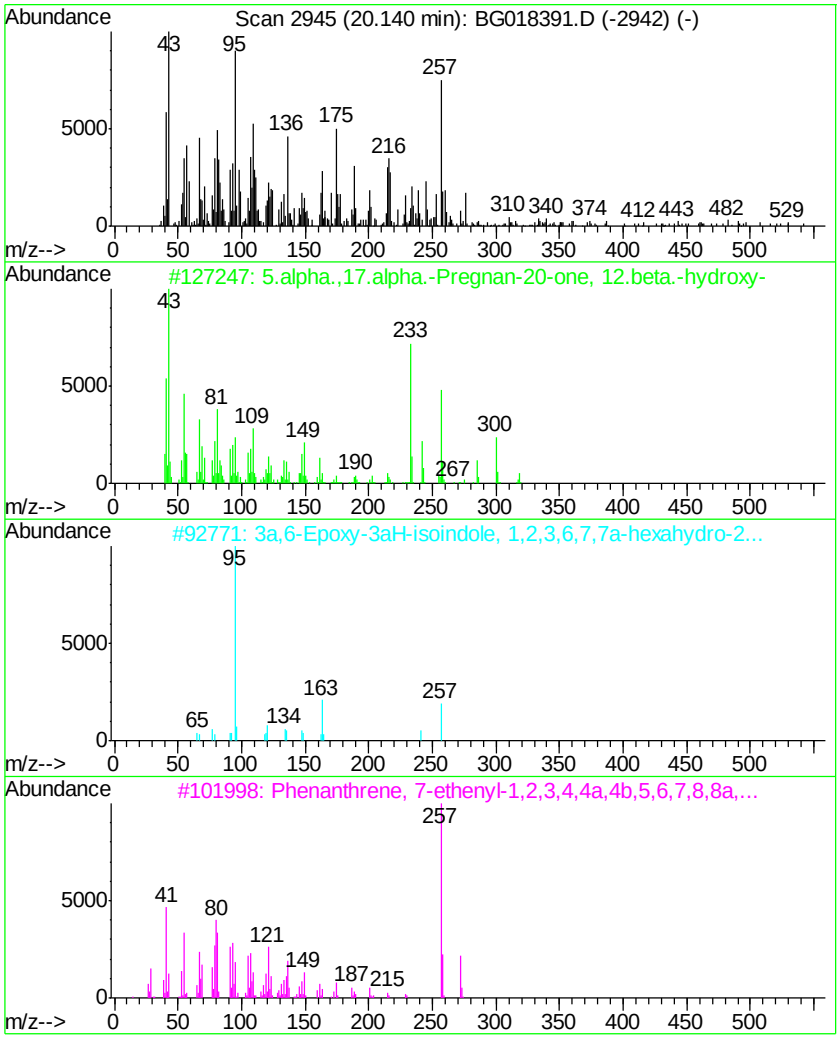
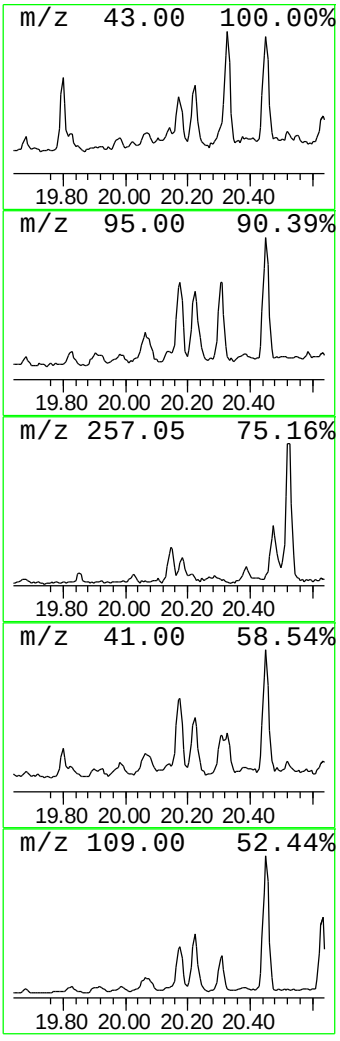
Peak Number 25 unknown-05 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.14	3.45 ng/ul	379923	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5.alpha.,17.alpha.-Pregnan-20-on...	318	C21H34O2	005618-23-5	35
2	3a,6-Epoxy-3aH-isoindole, 1,2,3,...	257	C16H19NO2	071840-22-7	35
3	Phenanthrene, 7-ethenyl-1,2,3,4,...	272	C20H32	001686-67-5	25
4	Cholest-24-ene, (5.alpha.,20.xi.)-	370	C27H46	054482-49-4	22
5	Nordextromethorphan	257	C17H23NO	051195-74-5	12





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Operator : UM/MA
Sample : G3154-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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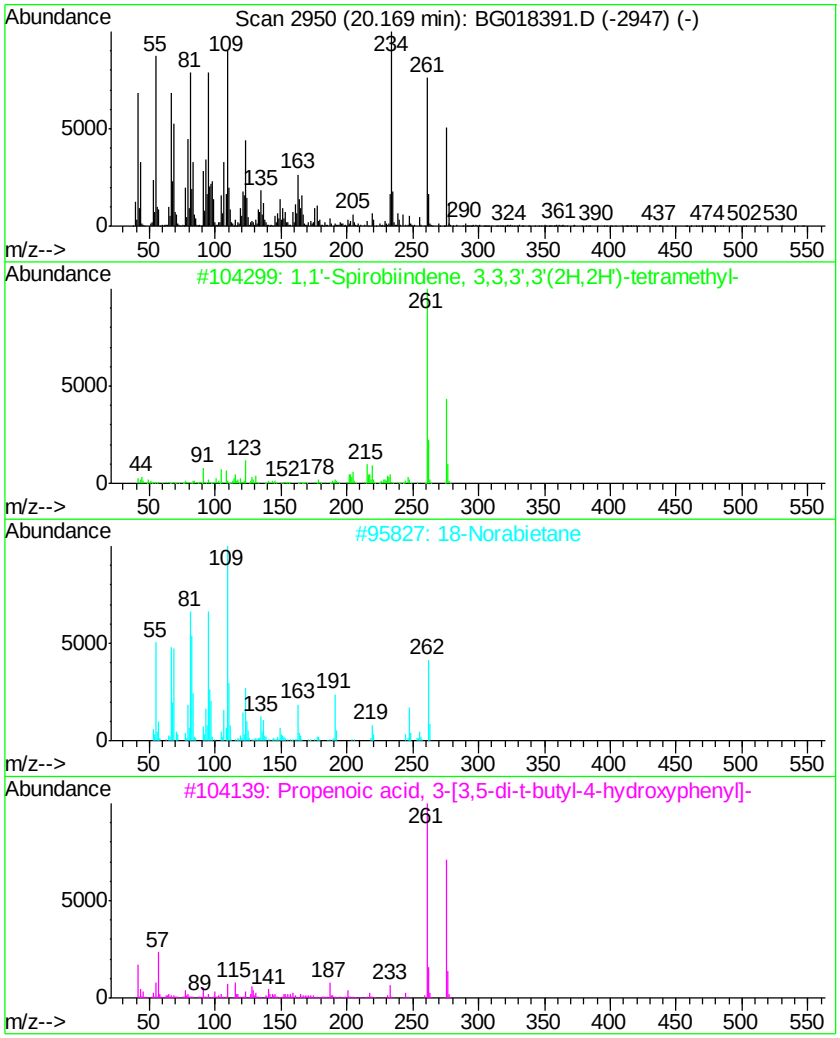
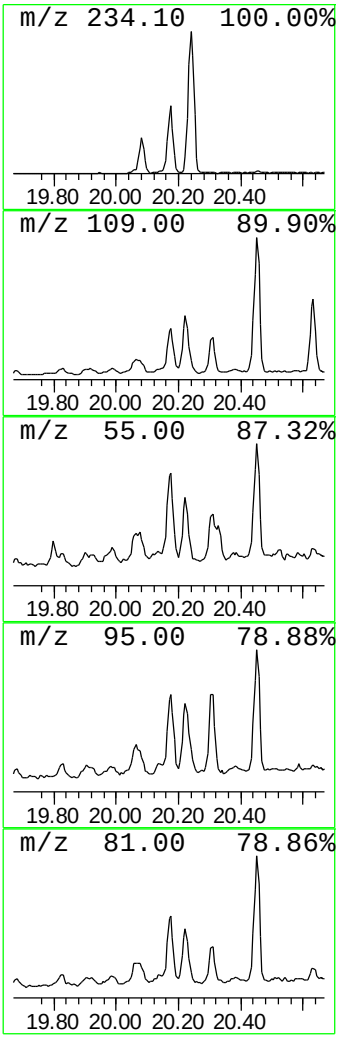
Peak Number 26 unknown-06 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.17	28.47 ng/ul	3137190	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Spirobiindene, 3,3,3',3'(2H...	276	C21H24	058343-29-6	46
2	18-Norabietane	262	C19H34	1000293-16-6	42
3	Propenoic acid, 3-[3,5-di-t-butv...	276	C17H24O3	1000130-26-8	38
4	1,E-11,Z-13-Heptadecatriene	234	C17H30	080625-35-0	30
5	Phenanthro[3,2-b]furan-7,11-dion...	276	C18H12O3	020958-17-2	25





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Sample : G3154-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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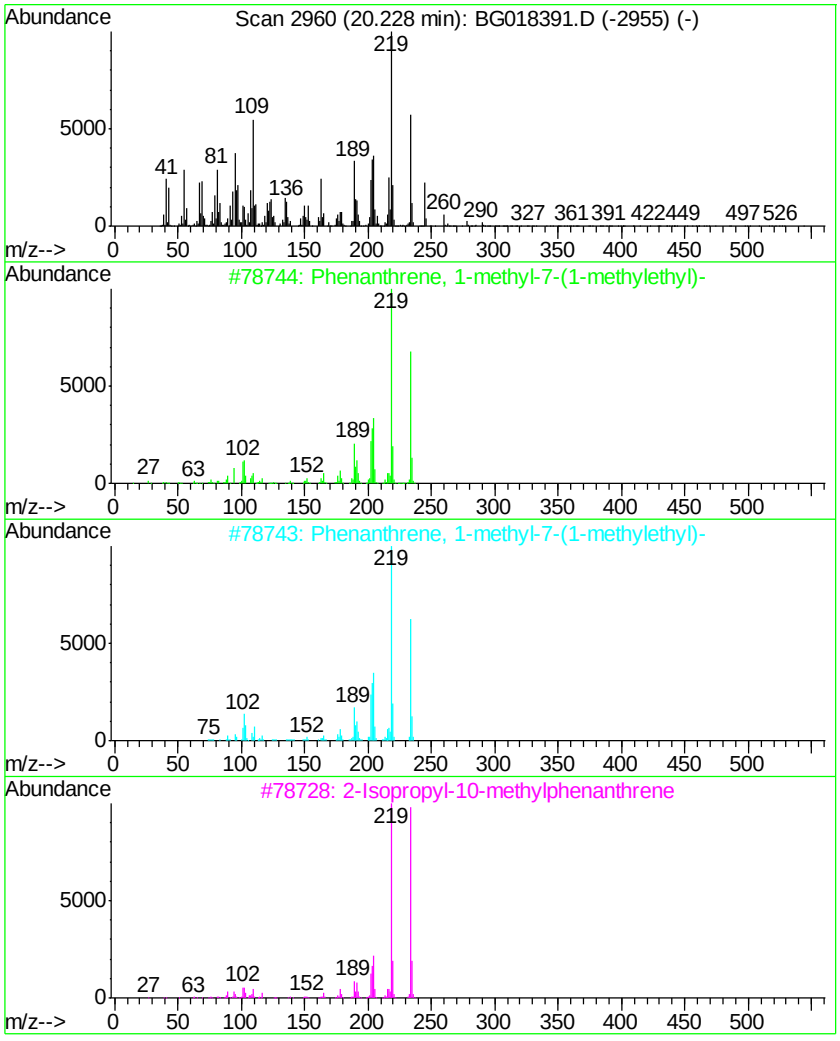
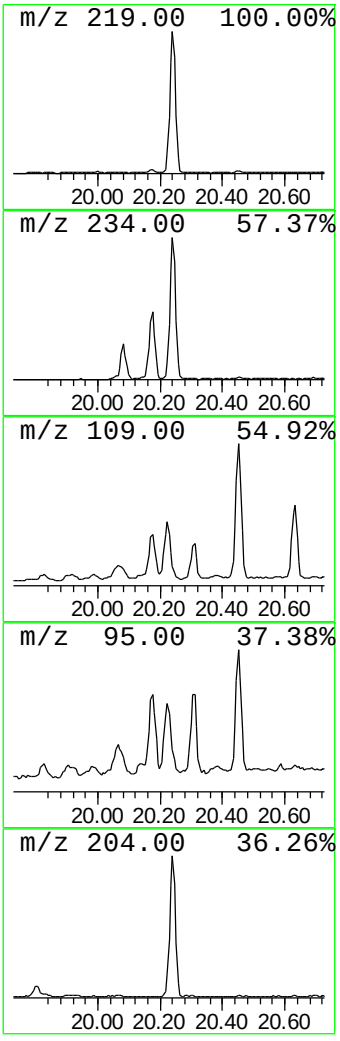
Peak Number 27 Phenanthrene, 1-methyl-7-(1... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.23	44.64 ng/ul	4918660	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	99
2	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	98
3	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
4	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	94
5	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	68





Library Search Compound Report

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Data File : BG018391.D
Acq On : 11 Aug 2015 21:14
Operator : UM/MA
Sample : G3154-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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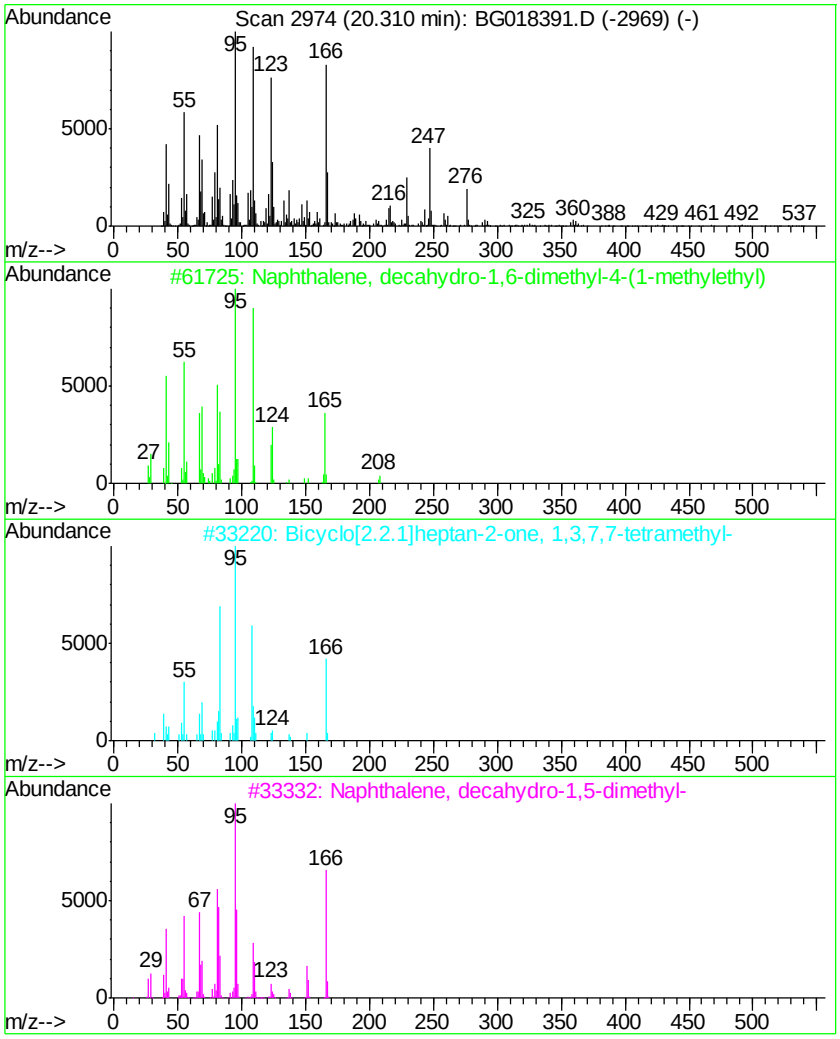
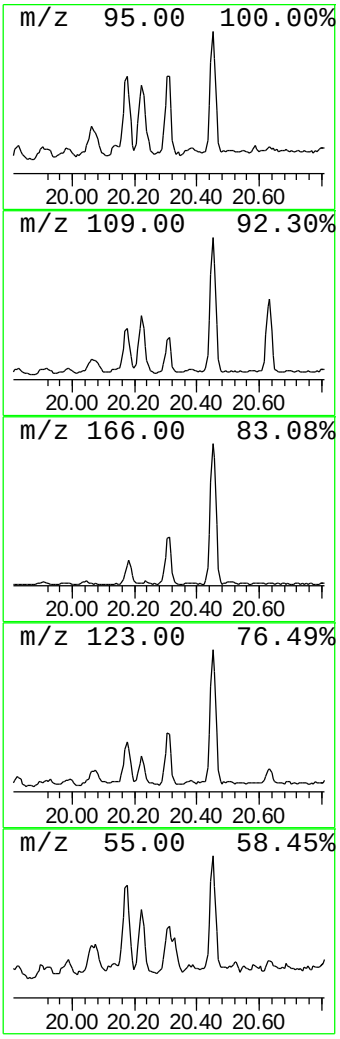
Peak Number 28 unknown-07 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.31	22.43 ng/ul	2471680	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-1,6-dimet...	208	C15H28	034315-85-0	30
2	Bicyclo[2.2.1]heptan-2-one, 1,3,...	166	C11H18O	005811-48-3	30
3	Naphthalene, decahydro-1,5-dimet...	166	C12H22	066552-62-3	30
4	1-Butanone, 1-bicyclo[4.1.0]hept...	166	C11H18O	054764-62-4	27
5	Bicyclo[2.2.1]heptan-2-one, 5-br...	230	C10H15BrO	010293-00-2	18





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Sample : G3154-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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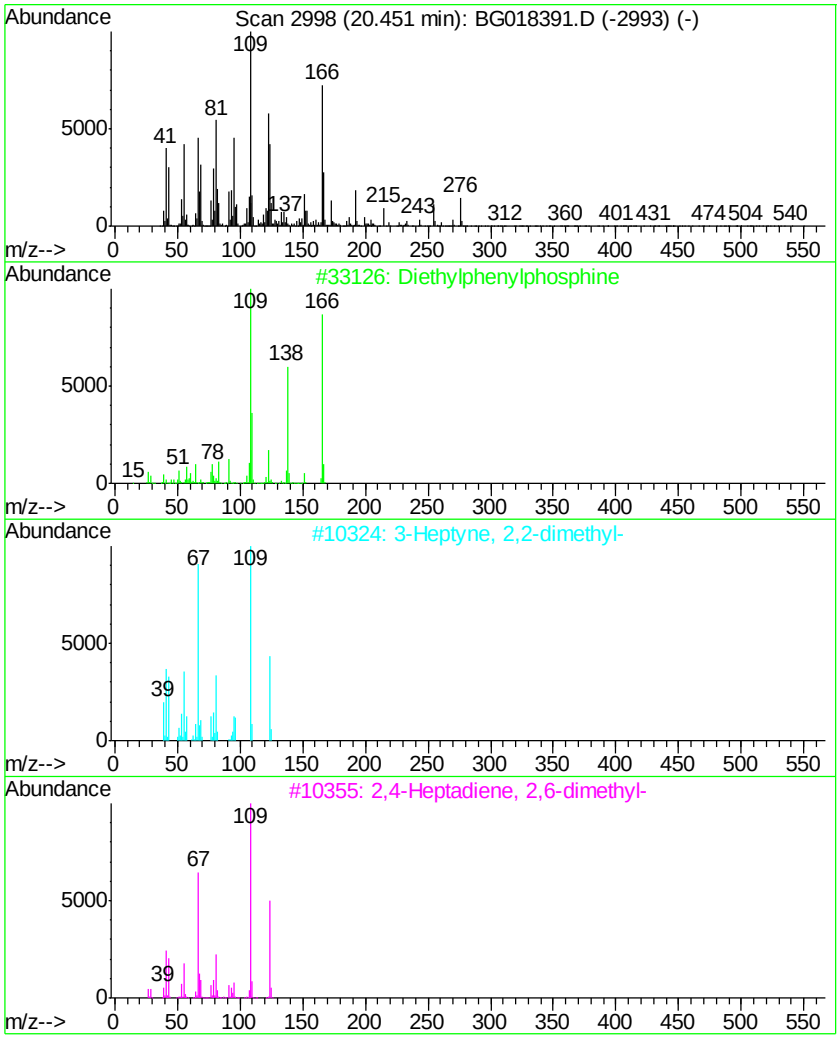
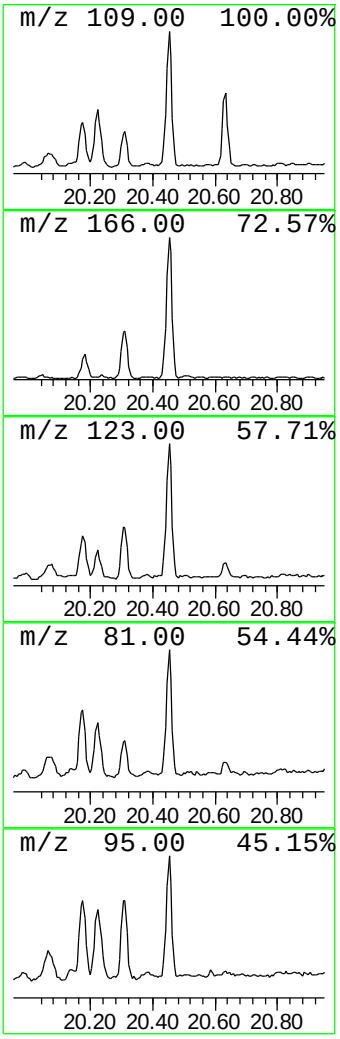
Peak Number 29 unknown-08 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.45	40.87 ng/ul	4503120	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylphenylphosphine	166	C10H15P	001605-53-4	38
2	3-Heptyne, 2,2-dimethyl-	124	C9H16	029022-29-5	38
3	2,4-Heptadiene, 2,6-dimethyl-	124	C9H16	004634-87-1	38
4	2,4-Heptadiene, 2,4-dimethyl-	124	C9H16	074421-05-9	30
5	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	25





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Data File : BG018391.D
Acq On : 11 Aug 2015 21:14
Operator : UM/MA
Sample : G3154-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z1

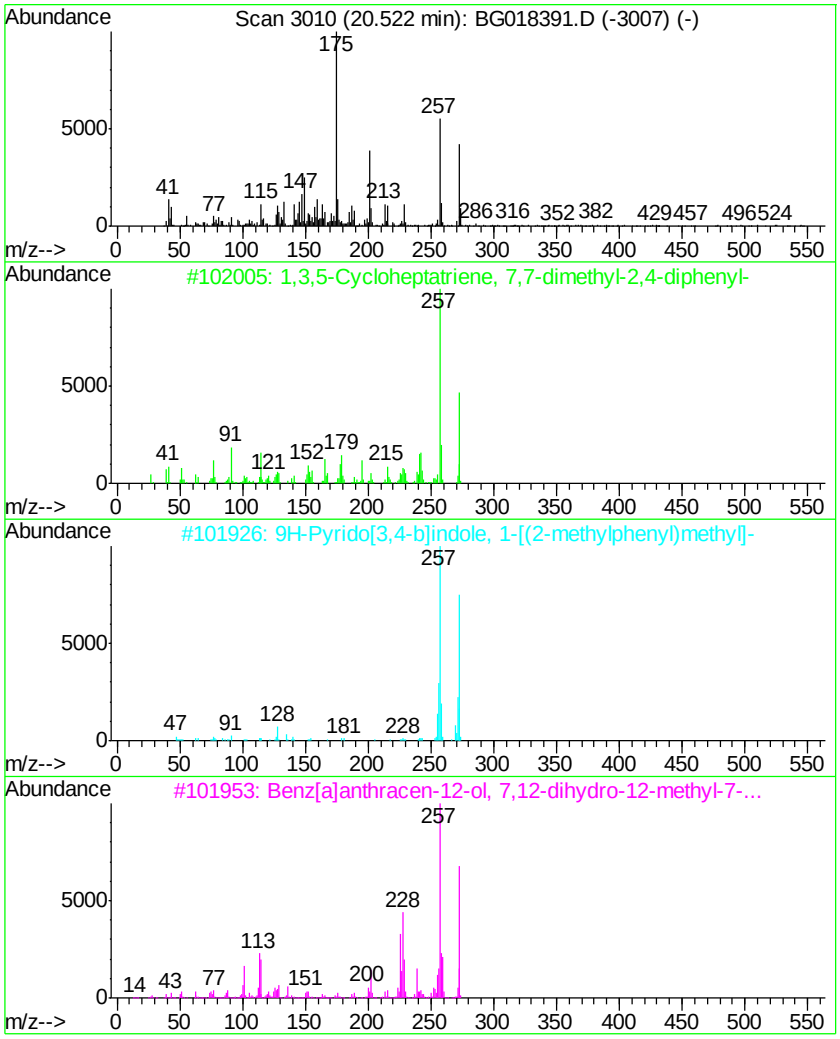
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

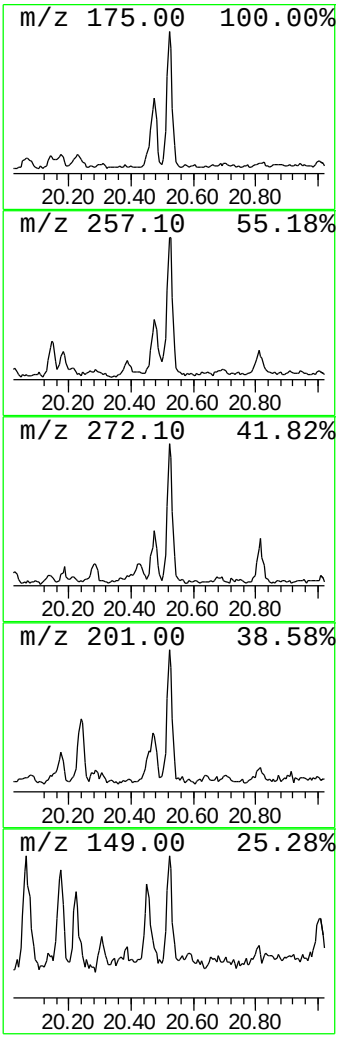
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.52	4.81 ng/ul	530087	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Cycloheptatriene, 7,7-dime...	272	C21H20	1000156-99-8	30
2	9H-Pyrido[3,4-b]indole, 1-[(2-me...	272	C19H16N2	000525-15-5	30
3	Benz[a]anthracen-12-ol, 7,12-dih...	272	C20H16O	077573-42-3	30
4	4-Methoxy-2,2'-dimethyl-4'-nitro...	257	C15H15NO3	031458-16-9	25
5	Succinimide, 3-cyclohexyl-N-phenyl-	257	C16H19NO2	206271-64-9	22





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018391.D
Acq On : 11 Aug 2015 21:14
Operator : UM/MA
Sample : G3154-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

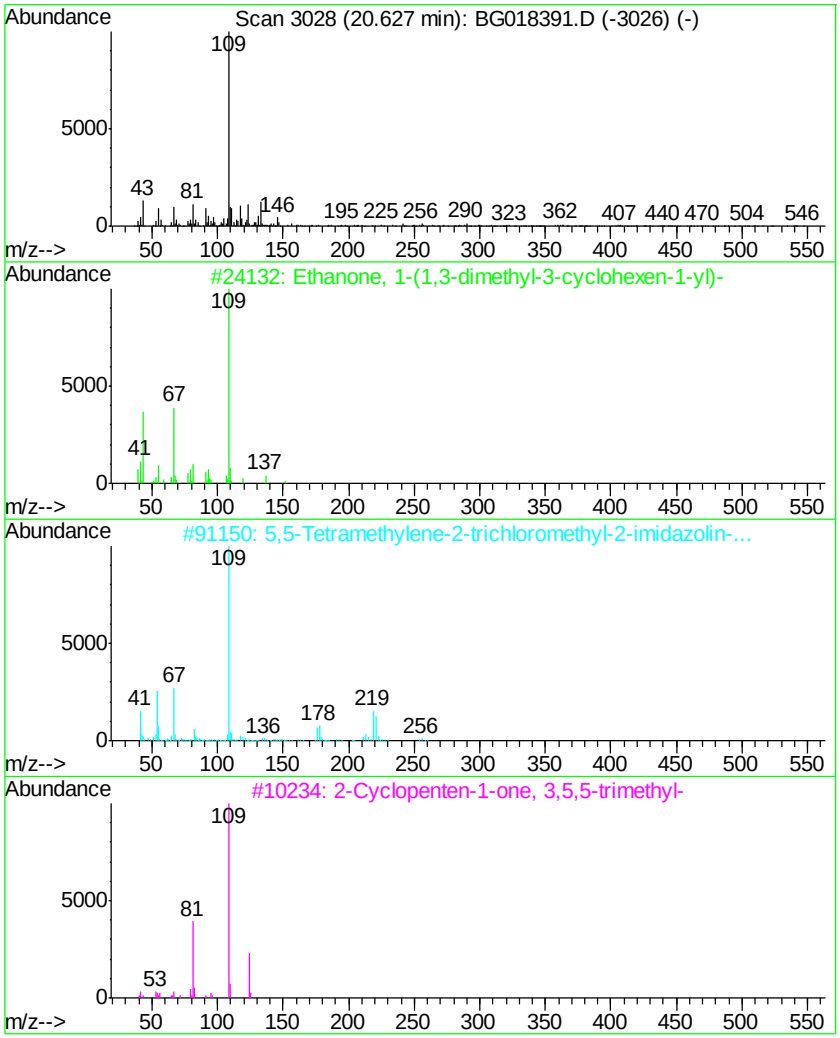
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

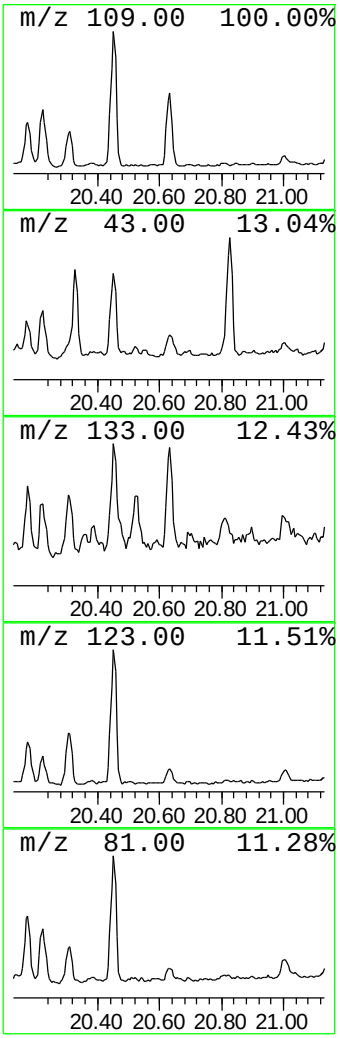
****

Peak Number 31 unknown-09 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.63	6.26 ng/ul	689527	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1,3-dimethyl-3-cycl...	152	C10H16O	051733-68-7	47
2	5,5-Tetramethylene-2-trichlorome...	254	C8H9Cl3N2O	1000250-90-3	47
3	2-Cyclopenten-1-one, 3,5,5-trime...	124	C8H12O	024156-95-4	47
4	2-Cyclopentene-1-carboxylic acid...	154	C9H14O2	006894-69-5	47
5	Lycorenan, 9,10-dimethoxy-1-methyl-	301	C18H23NO3	013255-14-6	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018391.D
Acq On : 11 Aug 2015 21:14
Operator : UM/MA
Sample : G3154-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

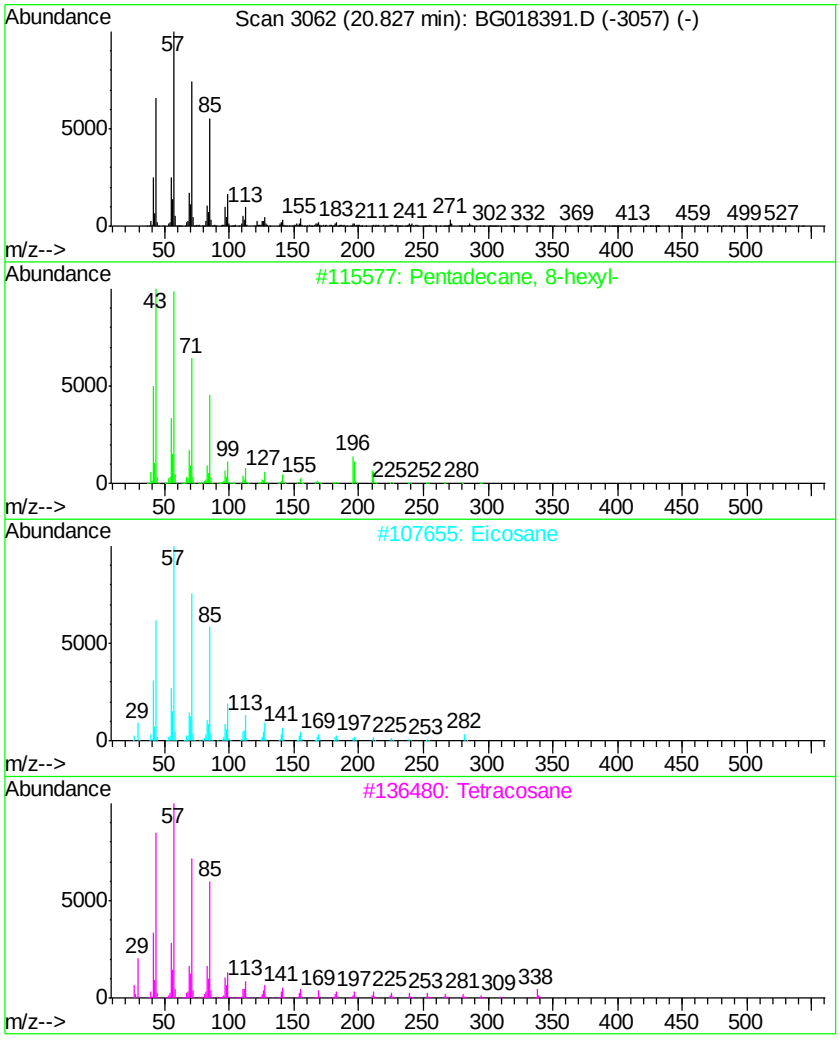
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

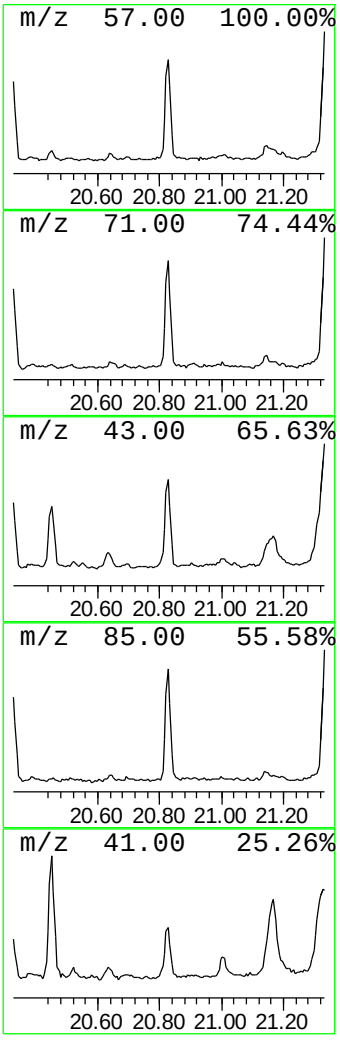
****

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	13.91 ng/ul	1532670	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
2	Eicosane	282	C20H42	000112-95-8	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Nonadecane	268	C19H40	000629-92-5	87
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018391.D
Acq On : 11 Aug 2015 21:14
Operator : UM/MA
Sample : G3154-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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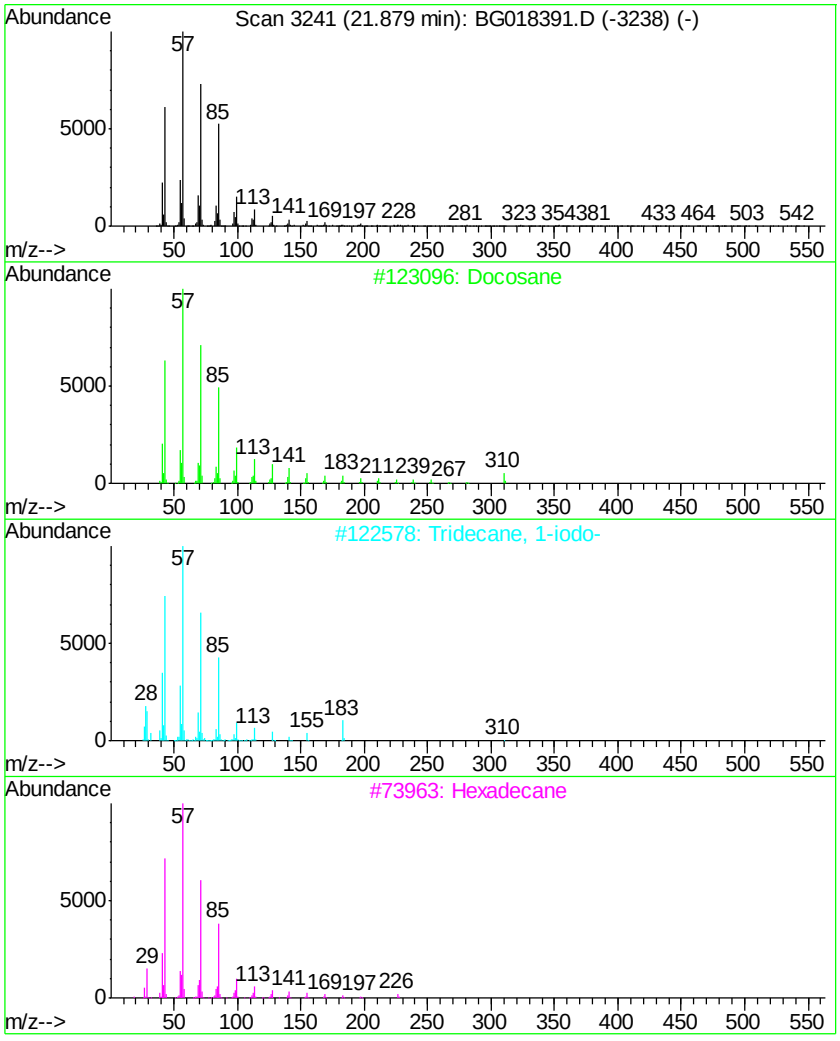
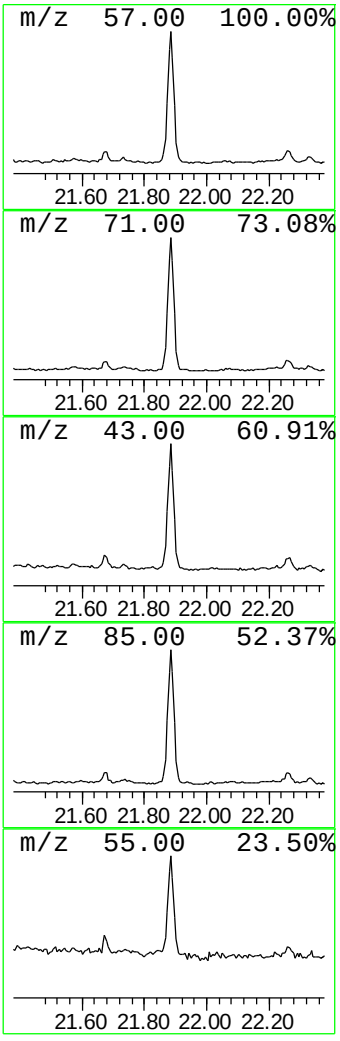
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.88	22.23 ng/ul	2449850	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	94
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	94
3	Hexadecane	226	C16H34	000544-76-3	91
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018391.D
Acq On : 11 Aug 2015 21:14
Operator : UM/MA
Sample : G3154-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z1

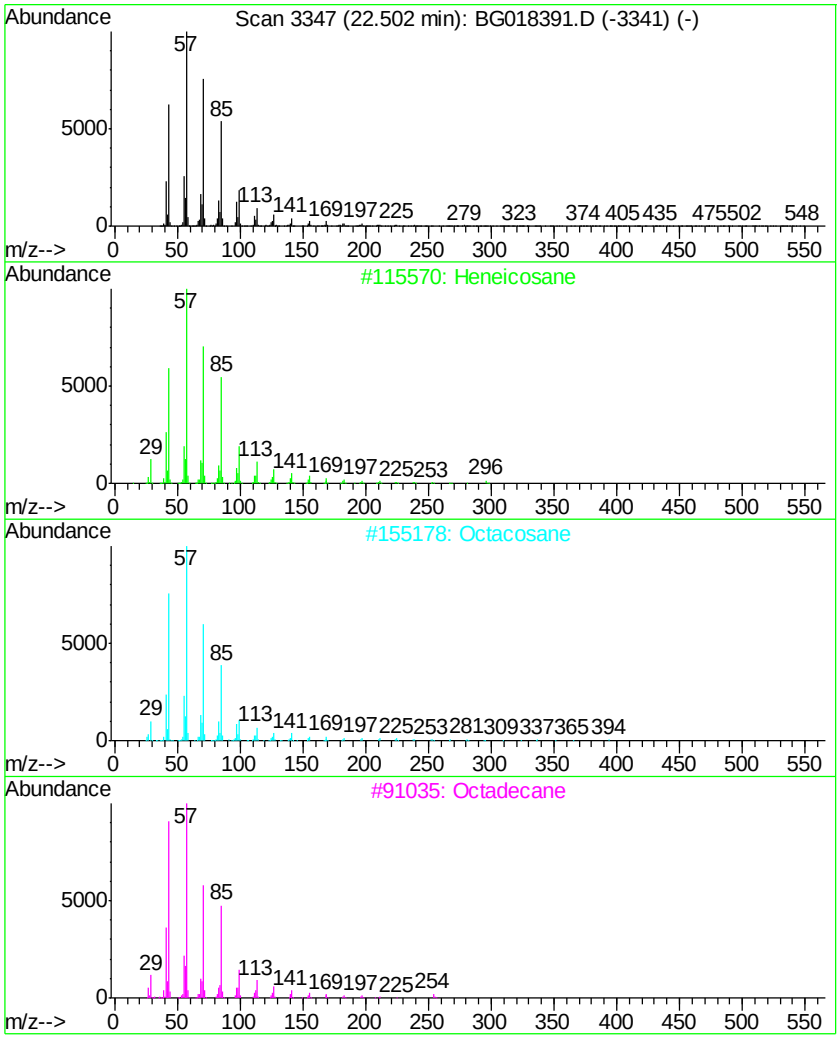
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

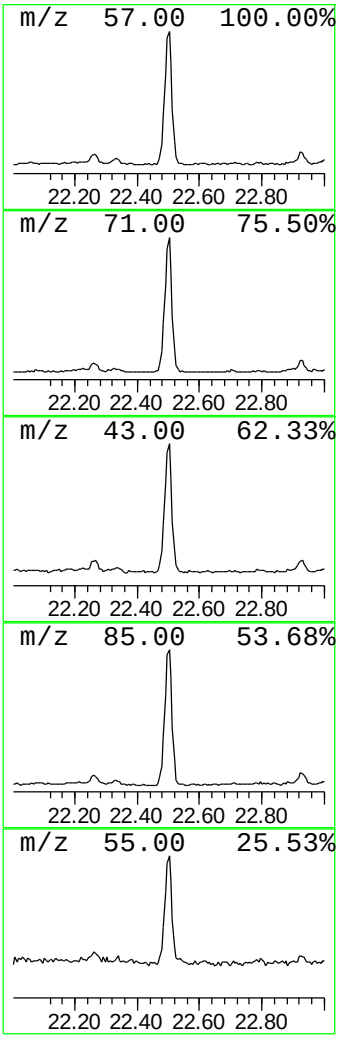
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	28.48 ng/ul	3138300	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018391.D
Acq On : 11 Aug 2015 21:14
Operator : UM/MA
Sample : G3154-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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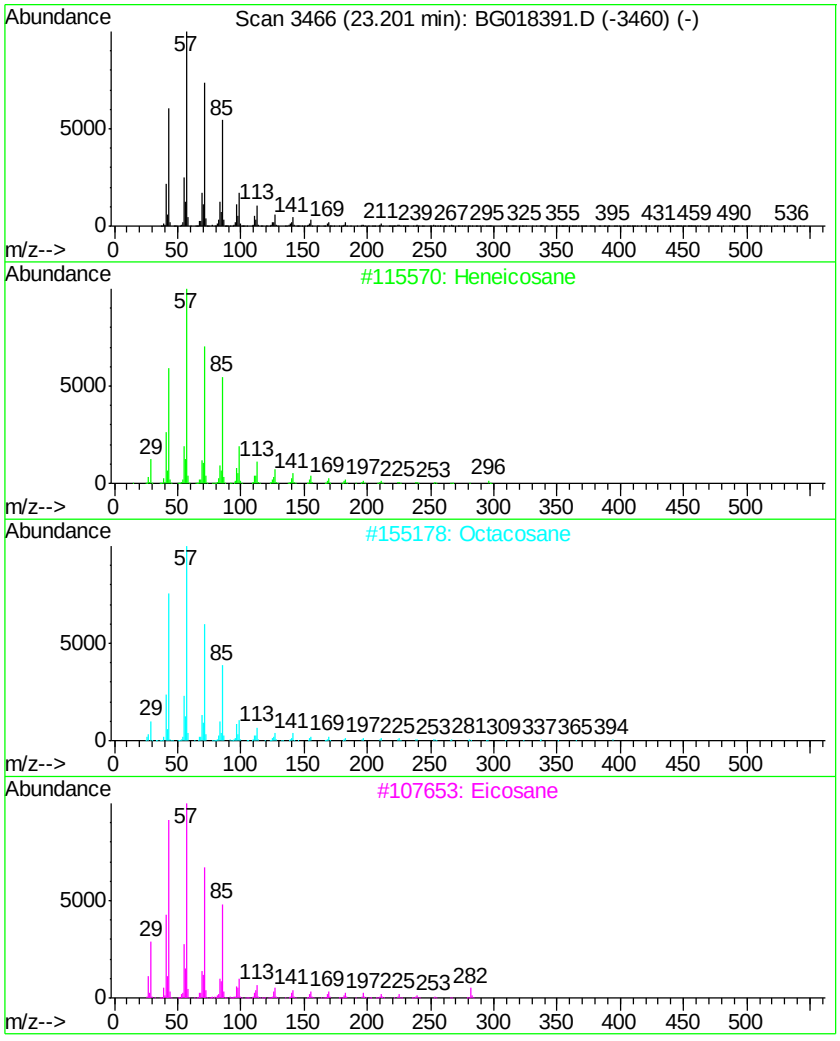
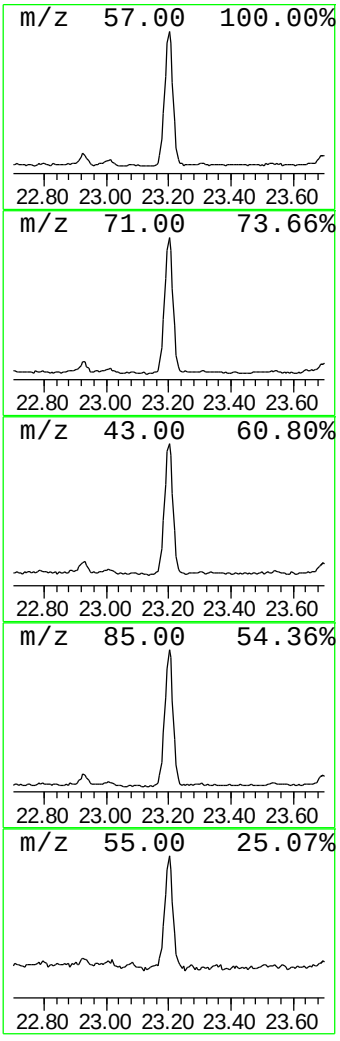
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.20	36.90 ng/ul	4066120	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Tetracosane	338	C24H50	000646-31-1	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018391.D
Acq On : 11 Aug 2015 21:14
Operator : UM/MA
Sample : G3154-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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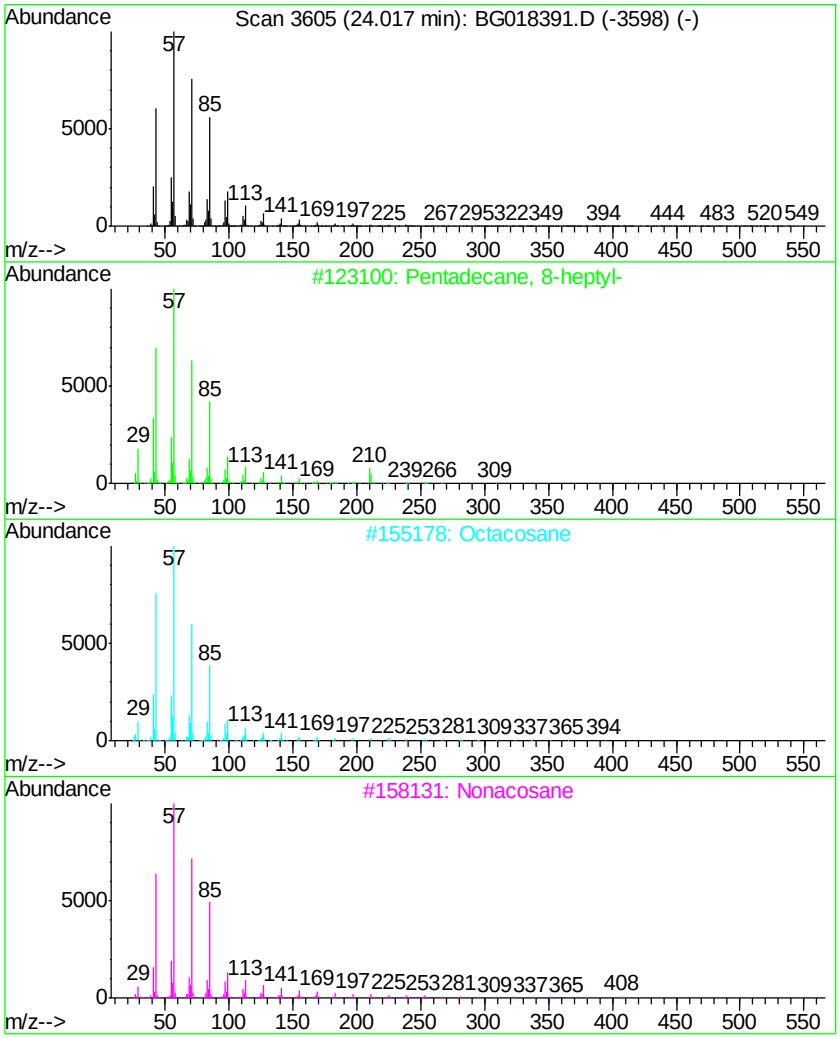
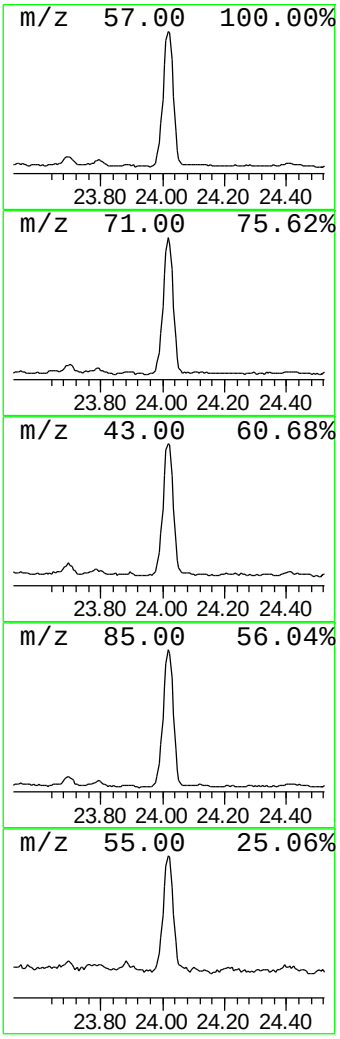
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	19.31 ng/ul	5184270	Perylene-d12	24.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Nonacosane	408	C29H60	000630-03-5	90
4	Nonadecane	268	C19H40	000629-92-5	87
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018391.D
Acq On : 11 Aug 2015 21:14
Operator : UM/MA
Sample : G3154-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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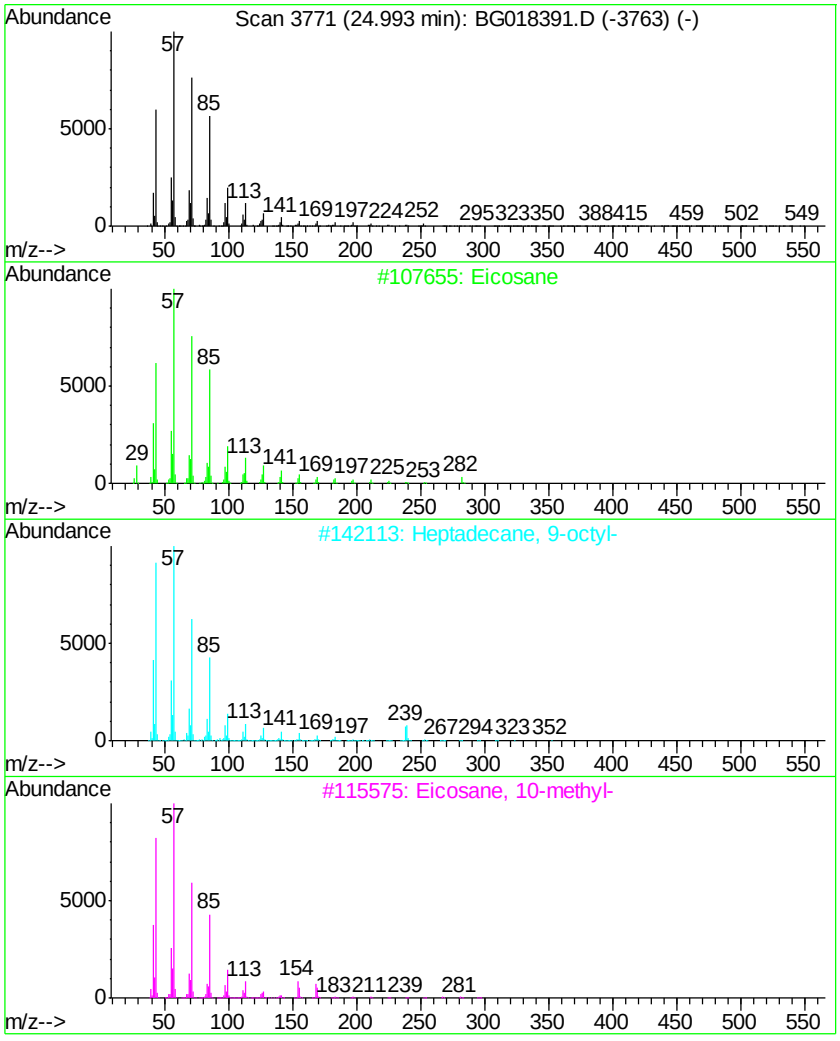
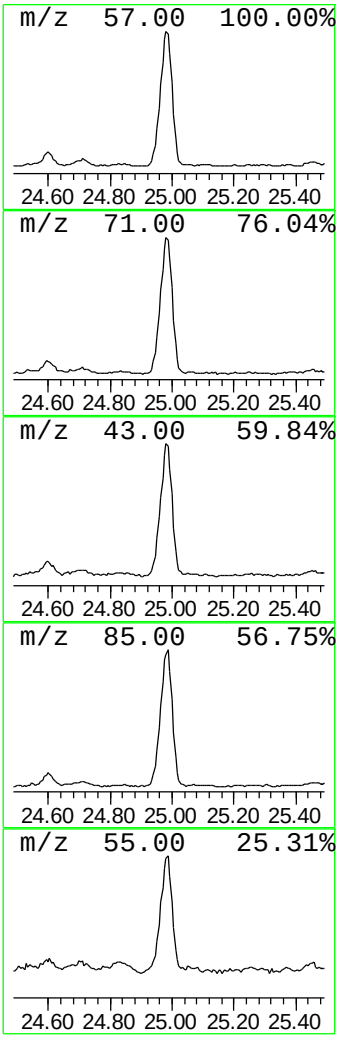
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.99	20.00 ng/ul	5368430	Perylene-d12	24.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018391.D
Acq On : 11 Aug 2015 21:14
Operator : UM/MA
Sample : G3154-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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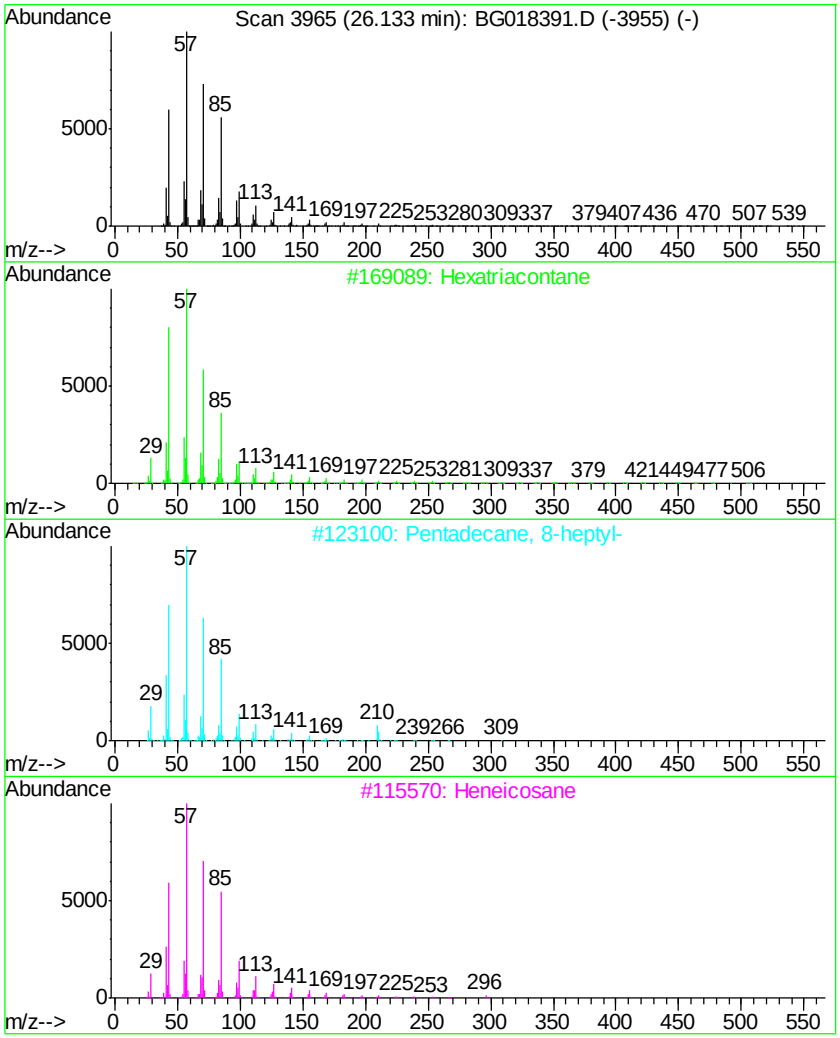
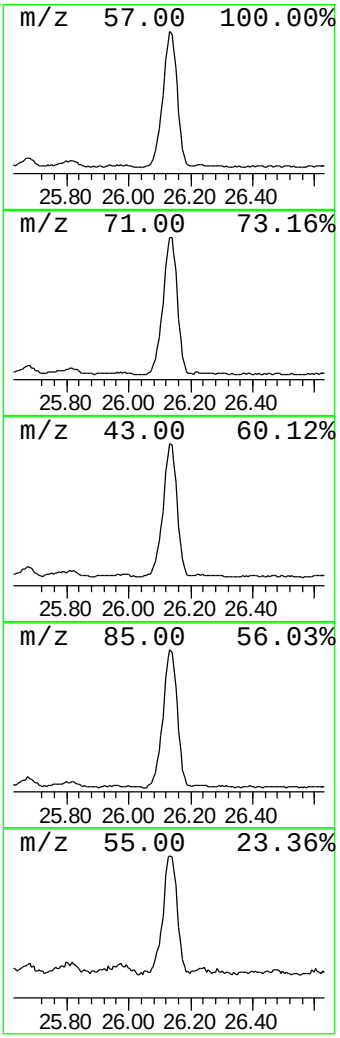
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.13	26.48 ng/ul	7108130	Perylene-d12	24.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	93
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018391.D
Acq On : 11 Aug 2015 21:14
Operator : UM/MA
Sample : G3154-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z1

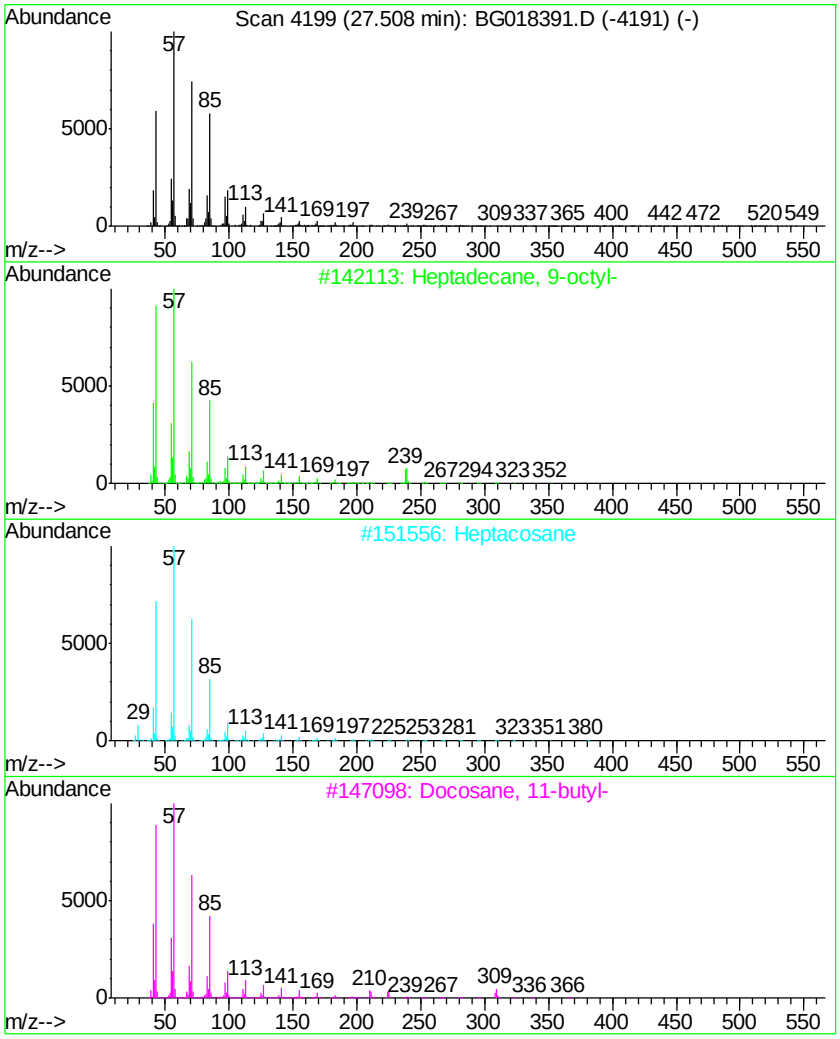
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

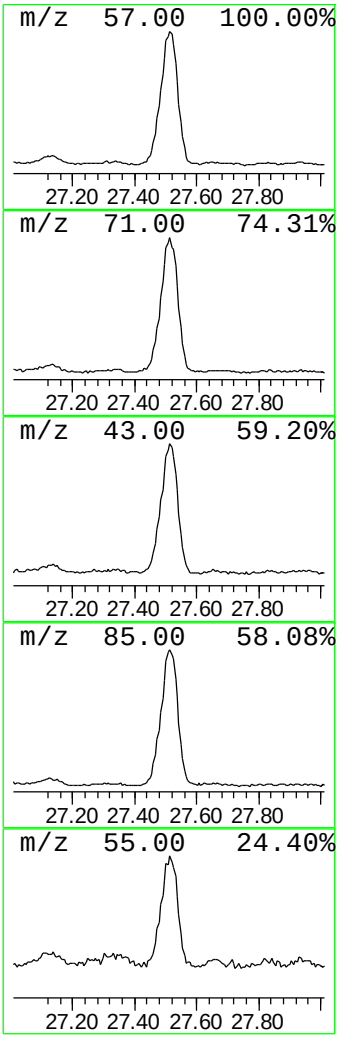
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.51	20.90 ng/ul	5609210	Perylene-d12	24.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Heptacosane	380	C27H56	000593-49-7	95
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	95
4	Docosane, 9-butyl-	366	C26H54	055282-14-9	95
5	Nonadecane	268	C19H40	000629-92-5	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081115\
Data File : BG018391.D
Acq On : 11 Aug 2015 21:14
Operator : UM/MA
Sample : G3154-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,3-dime...	6.06	4.0	ng/ul	174288	1	8.04	875980	20.0
unknown-01	7.03	2.7	ng/ul	119080	1	8.04	875980	20.0
Benzene, 1,2,4-tr...	7.69	4.3	ng/ul	186215	1	8.04	875980	20.0
Benzene, 1,2,3-tr...	8.16	2.3	ng/ul	98751	1	8.04	875980	20.0
unknown-02	9.40	2.2	ng/ul	97138	1	8.04	875980	20.0
(DEL) Alkane: Str...	11.87	2.6	ng/ul	182312	2	10.85	1389380	20.0
(DEL) Alkane: Str...	13.21	2.9	ng/ul	292355	3	14.67	1999990	20.0
Naphthalene, 2,7-...	13.99	2.1	ng/ul	208316	3	14.67	1999990	20.0
(DEL) Alkane: Str...	15.92	5.1	ng/ul	509337	3	14.67	1999990	20.0
Anthracene, 1,2,3...	16.37	3.2	ng/ul	319740	4	17.41	2025810	20.0
(DEL) Alkane: Str...	16.40	8.7	ng/ul	876875	4	17.41	2025810	20.0
(DEL) Alkane: Str...	17.22	7.0	ng/ul	704293	4	17.41	2025810	20.0
n-Hexadecanoic acid	18.31	5.3	ng/ul	540823	4	17.41	2025810	20.0
Phenol, 2,2'-meth...	18.58	4.3	ng/ul	439989	4	17.41	2025810	20.0
10,18-Bisnorabiet...	18.70	91.5	ng/ul	9272390	4	17.41	2025810	20.0
18-Norabietane	18.89	20.3	ng/ul	2051930	4	17.41	2025810	20.0
2(1H)-Phenanthren...	19.06	557.5	ng/ul	56470700	4	17.41	2025810	20.0
(DEL) Alkane: Str...	19.22	6.8	ng/ul	685041	4	17.41	2025810	20.0
Naphthalene, 2,6-...	19.25	8.7	ng/ul	883166	4	17.41	2025810	20.0
10,18-Bisnorabiet...	19.53	253.0	ng/ul	25629800	4	17.41	2025810	20.0
unknown-03	19.99	6.2	ng/ul	684718	5	21.68	2203790	20.0
unknown-04	20.06	13.3	ng/ul	1463100	5	21.68	2203790	20.0
unknown-05	20.14	3.5	ng/ul	379923	5	21.68	2203790	20.0
unknown-06	20.17	28.5	ng/ul	3137190	5	21.68	2203790	20.0
Phenanthrene, 1-m...	20.23	44.6	ng/ul	4918660	5	21.68	2203790	20.0
unknown-07	20.31	22.4	ng/ul	2471680	5	21.68	2203790	20.0
unknown-08	20.45	40.9	ng/ul	4503120	5	21.68	2203790	20.0
(DEL) Alkane: Str...	20.52	4.8	ng/ul	530087	5	21.68	2203790	20.0
unknown-09	20.63	6.3	ng/ul	689527	5	21.68	2203790	20.0
(DEL) Alkane: Str...	20.83	13.9	ng/ul	1532670	5	21.68	2203790	20.0
(DEL) Alkane: Str...	21.88	22.2	ng/ul	2449850	5	21.68	2203790	20.0
(DEL) Alkane: Str...	22.50	28.5	ng/ul	3138300	5	21.68	2203790	20.0
(DEL) Alkane: Str...	23.20	36.9	ng/ul	4066120	5	21.68	2203790	20.0
(DEL) Alkane: Str...	24.02	19.3	ng/ul	5184270	6	24.92	5368430	20.0
(DEL) Alkane: Str...	24.99	20.0	ng/ul	5368430	6	24.92	5368430	20.0
(DEL) Alkane: Str...	26.13	26.5	ng/ul	7108130	6	24.92	5368430	20.0
(DEL) Alkane: Str...	27.51	20.9	ng/ul	5609210	6	24.92	5368430	20.0